

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

Reliable Seeds

FOR SUMMER AND
FALL SOWING

1931

CONDITIONS OF SALE

1931

All offers are made subject to being unsold upon receipt of order.

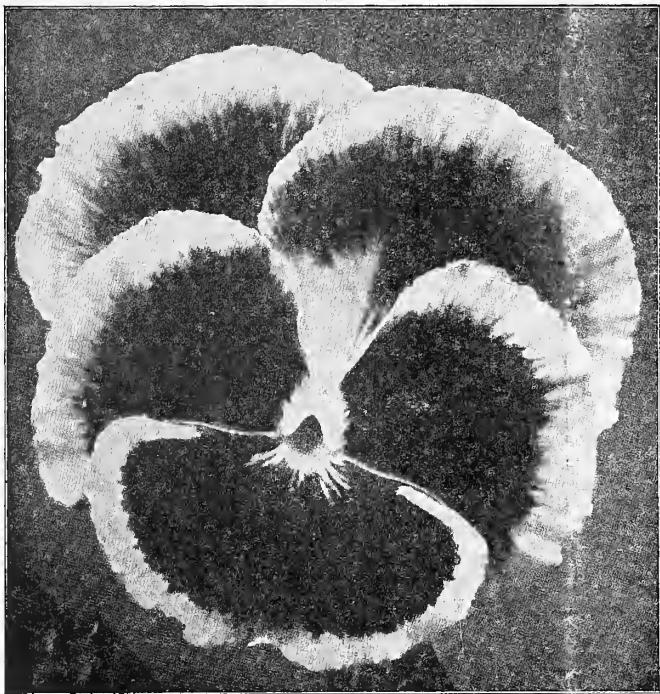
In common with seed growers and dealers the world over, we give no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds, plants or bulbs we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they can be returned at once and no sale has been made.

At prices quoted, we prepay all seeds to any point in the United States, Canada, South America or West Indies, except Beans, Corn, Peas, Spinach and where noted. Terms cash, no discount. No charge for bags or packing. Orders to be sent C. O. D. should be accompanied by one-fourth cash.

TO OUR CUSTOMERS IN FOREIGN LANDS

Please remit in United States Funds. Foreign money fluctuates in value; sending U. S. money is an advantage to both parties.

Pansy America



RECEIVED
JUL 17 1931
U. S. Department of Agriculture.
Enormous in Size
Brilliant and Unusual New
Colors

Trump—trumps which are never beat. The most gorgeous and largest blooms in all the colors of the rainbow with color variations that the average pansy grower has never seen. Absolutely in a class by themselves.

For years we strived, we worked hard and finally succeeded after a heavy outlay of money and long years of patient waiting. Now we are able to offer you seed, producing plants with blooms immense in size and of the richest colors imaginable, that simply dazzle the onlooker and that you will sell at almost double the price common pansies sell for and sell them as fast as you reach the market, even at times when other pansies go begging. Our American Pansy mixture is so superior and so absolutely unbeatable that we are making you the following unheard of offer:

We Will Give You Seed
FREE
Money Back if Not Fully
Satisfied

If you should be disappointed or not fully satisfied with this nature's most wonderful gift to mankind, we ask but one favor. Drop us a postal card and tell us that the seed did not come up to your expectations and we will immediately mail you a check in full for your entire purchase of American Pansy seed. We will also do this: Upon request we will send

you a trade packet of this pansy seed containing 450 to 500 seeds worth a trial and if you will find that the seed does produce blooms VERY MUCH SUPERIOR to what you used to raise you send us 50 cents—otherwise you need not send a cent. T. pkt. 50c; 1-8 oz. \$2.00; $\frac{1}{4}$ oz. \$3.50; 1 oz. \$14.00; $\frac{1}{4}$ lbs. \$50.00; 1 lb. \$200.00.

DE GIORGI BROTHERS CO.

F. H. DeGiorgi, Pres.-Gen. Mgr.

Telephone 1706

1411 THIRD STREET, COUNCIL BLUFFS, IOWA

IMPORTED EUROPEAN SCYTHES



Made of fine magnetic steel on the principle of a razor. Blade very thin, back strong. Can be sharpened to such a keen edge that one can almost shave with it. Unbeatable in mowing grass, grain or clover. Usually sharpened by hammering, which sharpens and hardens the edge. Those not knowing how to use the hammer should sharpen the blade on a grindstone. Not strong enough for mowing tough, big weeds or brush. Special prices, in quantities, for parks and cemeteries. All our scythes fit the American or any other kind of handle.

Dealers and Jobbers

Write for quantity prices. We carry large stocks and can take care of sizeable orders at any time.

PRICES FOR EUROPEAN SCYTHES

Length	Postpaid each
20 inches	\$1.90
22 inches	1.95
24 inches	2.00
26 inches	2.00
30 inches	2.10
35 inches	2.20
38 inches	2.10

SWEDISH PATTERN SCYTHES

One Length Only, 29 inches, \$2.10

Swedish scythe is in appearance similar to European but a little heavier: the blades weigh about $1\frac{1}{4}$ lb. each.
SCYTHE STONES—European pattern, pointed at both ends. Each 25c, postpaid.

EUROPEAN SCYTHE HANDLES

This is straight, not bent. When ordering European handles, please state style you prefer, whether Bohemian, German, French, Russian, Polish, etc. Each, postpaid, \$1.45.

SCYTHE RINGS
European Scythe Ring

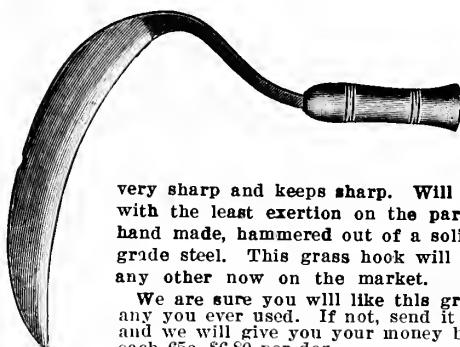
Single screw ring	30c
Double screw ring	35c
All prices postpaid.	



EUROPEAN GRASS HOOK

These European Grass Hooks or better known as German Grass Hooks are a standard article on the American market. People that know demand them, because they are light and keep the edge better than most other grass hooks. Price each 55c; \$5.80 per doz., prepaid.

"LIKEARAZOR" GRASS HOOK



This Grass Hook, like a razor, has a strong back and extremely thin blade,

very sharp and keeps sharp. Will cut grass and weeds with the least exertion on the part of the user. It is hand made, hammered out of a solid piece of very high grade steel. This grass hook will do better work than any other now on the market.

We are sure you will like this grass hook better than any you ever used. If not, send it back at our expense and we will give you your money back. Price, prepaid, each 65c, \$6.80 per doz.

HAMMERS AND ANVILS

Hammering draws out and hardens the edge of the scythe and the scythe stays sharp for a much longer time than it would if it was sharpened by the whetstone alone. Price: Hammer 80c; Anvil 85c, prepaid.

WORTH KNOWING

To get fine plants when starting the seed sow your pansy seed in the open frames, place on the bottom about an inch of well decayed strawy manure and about an inch of rich soil on top. Never start your seed in the greenhouse as it is impossible in the greenhouse to get the needed amount of air to your seedlings and they must be planted outdoors to prevent loss from damping-off.

You can water without danger of over watering, the water goes through the soil easily, the manure below provides good drainage and the plants can draw moisture from the manure if the top soil gets dry. The plants develop fine root system and are easily lifted when the time comes for their transplanting. Try this and you'll see that your plants will be strong and healthy and that there will be no loss from damping-off.

"AMERICA"—WORLD'S BEST PANSY

Big words, yet fully justified. It's just stating a fact and no more. There are other pansies almost as large as America but none have the quality. America produces plants that never get leggy, the blooms have a substance, the petals are thick and velvety, way ahead of any other kind of pansy. We tried and compared many strains of pansies for MANY years, spent lots of money doing this. To this day we never found the equal of America and we can tell a good pansy from one not so good. The price of the seed is high, yet we cannot lower it, maintain quality and make both ends meet. The price is high only seemingly. America is really inexpensive, because the seed being raised under this country's abundant sunshine has a much higher germination than seed originated in other parts of the world and because the plants sell more readily and as a rule for a higher price. America is a shy seeder as many find out by trying to raise their own seed. The crop is very uncertain. For years we were unable to fill all orders, did not have enough of the seed. We grow the seed ourselves and besides us many reliable and dependable growers located in widely separated parts of the country are growing the seed for us on contract. This is insurance against a crop failure. If you need large quantities of pansy seed place your order well in advance for delivery after harvest which is in June. We were the first to introduce Pansy America and we have the original strain.

THAT'S WHAT HE SAID—Compared to Zvolanek's Blue Bird seed of Blue Bird from other sources than Zvolanek, produces flowers more or less mixed and of a dirty blue color. Zvolanek's seed produces the right kind of flowers I can tell you, says an old local florist that grows Sweet Peas on a rather large scale.

WITH MANY THANKS, for the letter that follows, to the writer, who is one of our customers. This is what he wrote us: I am going to be in the market for quite a little lot of garden seeds and do not think anything but De Giorgi seed will fill the bill. I have used them now two years and have found them A-1. I have been in the business now 16 years. I think I have bought seed from most every seed grower in the United States. Many of them were good and others not worth planting.

I have not only found your seed good, but they cost quite a lot less money, etc. I am 60 years old and still learning something every day. The gentleman that wrote this letter is from Missouri, his letter is on our files.

MANY perennials do not show their true value, their real beauty, until two or three years old. Do not judge a perennial raised from seed by its first year's growth.

LAST SOWING DATES

FOR THE APPROXIMATE LATITUDE OF
MEMPHIS, TENNESSEE

You can sow being sure that they will "make." Broccoli, leek, pepper and tomato up to August 20th. Onion and parsnip up to September 25th. Lima beans, celery, cardoon and salsify up to September 1st. Swiss Chard up to September 10th. Peas up to October 10th. Brussels sprouts, cabbage, cauliflower up to August 1st. Sweet Corn and endive up to August 15th. Carrots, cucumber, winter radish up to September 1st. Beet, kohlrabi, lettuce, rutabaga up to September 15th. Dwarf or snap beans and Florence Fennel up to September 20th. Chinese cabbage, kale, mustard, turnip and rape up to October 10th. Spinach and early radishes up to Oct. 15th.

LAST SOWING DATES
FOR THE APPROXIMATE LATITUDE OF
NEW ORLEANS, LOUISIANA.

Sow broccoli, leek, pepper, tomato up to August 20th. Onion, parsley, lima beans, celery, cucumbers, lady peas, cow peas, pintos, summer squash up to August 30th. Cabbage, collards, cauliflower, chinese cabbage, carrot up to September 15th. Dwarf or snap beans, beets and swiss chard up to September 30th. Celery, radishes, spinach, turnip, parsnip, salsify up to October 20th. Kale, lettuce, mustard, parsley, english peas, shallots, multipliers and rape up to November 10th.

BUSH BEANS—Green Podded Varieties

Any variety, 10c per pkt.; $\frac{1}{2}$ lb 20c; lb. 35c, prepaid.	10 lbs.	100 lbs.
Not prepaid:		
Black Valentine	\$2.10	\$19.00
Bountiful	2.40	22.00
Early Mazagan	2.00	17.00
Full Measure	2.60	24.00
Giant Stringless Green Pod.....	2.40	22.00
Improved Earliest Red Valentine.....	2.15	19.00
Longfellow	2.00	19.00
Navy	1.40	10.00
Pride of Iowa.....	2.60	24.00
Round Pod Refugee, or 1000 to 1.....	2.00	19.00
Stringless Green Pod.....	2.30	21.00

WAX PODDED VARIETIES

Not prepaid:	10 lbs.	100 lbs.
Admiral Wax	\$2.40	\$22.00
Brittle Wax	2.20	20.00
Champion Wax	2.40	22.00
German Black Wax.....	2.20	20.00
Golden Wax Improved.....	2.20	20.00
Improved Golden Wax.....	2.20	20.00
Pencil Pod Wax.....	2.20	20.00
Prolific Black Wax.....	2.20	20.00
Round Pod Kidney Wax.....	2.20	20.00
Webber or Crackerjack Wax.....	2.40	22.00
Unrivaled	2.40	22.00

POLE BEANS

Any variety, 10c per pkt.; $\frac{1}{2}$ lb. 25c; lb. 45c, prepaid.

Not prepaid	10 lbs.	25 lbs.	100 lbs.
Early Golden Cluster Wax.....	\$2.25	\$5.50	\$20.00
Kentucky Wonder Green Pod.....	2.25	4.50	18.00

SCARLET RUNNER—Per lb., postpaid, 50c.

ASPARAGUS OR YARD LONG—Postpaid, pkt. 10c; lb. 80c.

GIANT MARVEL

TABLE BEETS

	Pkt.	1 oz.	1 lb.
Crosby's Egyptian Select.....	\$0.05	\$0.10	\$0.80
Crimson Globe .....	.05	.10	.60
Detroit Dark Red.....	.05	.10	.60
Dewing's Blood Turnip.....	.05	.10	.60
Eclipse .....	.05	.10	.60
Electric .....	.05	.10	.60
Early Wonder .....	.10	.15	1.00
Extra Early Egyptian.....	.05	.10	.60
Half Long Blood Red.....	.05	.10	.60
Long Smooth Dark Red.....	.05	.10	.60

CALABRESE BROCCOLI

The plants, about 30 in. high, produce many branches terminating in cauliflower-like rosettes. Plant in rows 3 ft. apart and 18 in. apart in the rows. For market cut the heads with about a foot of stalk and to 2-3 in a bunch. It always brings a good price on the market and no gardener will make a mistake by getting acquainted with this new vegetable.

SPECIAL STRAIN. There are many varieties of Broccoli now on the market. We tried them all. The strain we offer is the best there is and if you are in need of Calabrese Broccoli and will try our strain you will find that it is the most profitable strain in existence.

Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. \$1.20; $\frac{1}{4}$ lb. \$3.00; lb. \$12.00.

Kale Evergreen Gem

Of all Kales, Evergreen Gem is the best and most profitable variety. When fully developed (50 days from date of sowing) the plants stand 18 to 24 inches high, of very dense growth, very spreading and rest directly on the ground. Being so to say anchored to the ground are not affected by high winds. The leaves are heavily curled as the best strains of curled parsley, very attractive in appearance, of distinct, intense, deep green color with a bluish sheen. The leaves never turn yellow even after being exposed to several frosts. Markedly different from other Kales as it branches out of the bud instead of from the stalk, producing many more leaves than the old varieties and is unsurpassed in yielding qualities, 500 barrels per acre being the average crop. The leaves being very densely curled have high carrying qualities for long distance shipping. Try this Kale. We assure you that you will find it the finest and by far the most profitable variety. For best results plant in rows 30 in. apart, 8 to 10 in. apart in the rows, thinning out when the plants are 4 to 5 inches tall. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$2.00, prepaid.

CABBAGE

	1 oz.	1 lb.
All Head Early.....	\$0.20	\$1.80
All Seasons .....	.20	1.80
Autumn King .....	.20	1.80
Cannon Ball .....	.20	1.80
Charleston Wakefield .....	.20	1.80
Chinese Pe Tsai .....	.30	2.40
Chinese Wong Bok .....	.30	2.66
Copenhagen Market .....	.30	2.00
Danish Ball Head Dwarf .....	.20	1.80
Danish Ball Head Tall .....	.20	1.80
Early Spring .....	.20	1.80
Early Flat Dutch .....	.20	1.80
Early Money .....	.60	6.00
Early Summer .....	.20	1.80
Early Jersey Wakefield .....	.20	1.80
Early Winningstadt .....	.20	1.80
Faultless .....	.20	1.80
Glory of Enkhausen .....	.30	2.40
Golden Acre .....	.60	6.00
Hollander or Dutch Winter .....	.20	1.80
Louisville Drumhead .....	.20	1.80
Late Flat Dutch .....	.20	1.80
Stein's Early Flat Dutch .....	.20	1.80
Succession .....	.20	1.80
Surecrop .....	.20	1.80
Surehead .....	.20	1.80
Wiltproof Hollander .....	.40	5.00
All varieties of Cabbage 10c per packet.		

RED CABBAGE

Black Diamond .....	.20	1.80
Mammoth Rock Red .....	.20	1.80

SAVOY CABBAGE

Early Vienna .....	.30	2.40
Marvin's Late .....	.30	2.40
Early Asti Italian .....	.30	3.00
Late Asti Italian .....	.30	3.00
All Cabbages 10c per packet.		



Cabbage Chihi

CHINESE CABBAGE CHIHLI

The earliest and surest heading variety. Of upright growth, producing long, solid, white, cylindrical heads two feet in length. Much in demand and a profitable market variety. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.00; lb. \$4.00.

CARROTS

	1 oz.	1 lb.
Altringham	\$0.15	\$1.20
Amsterdam Forcing .....	.20	1.40
Chantenay .....	.15	1.40
Danver's Half Long .....	.15	1.40
French Forcing .....	.15	1.60
Imp. Long Orange .....	.15	1.20
Oxheart .....	.15	1.40
Rubicon .....	.15	1.40
St. Valery .....	.15	1.20
Nantes .....	.15	1.40
Guerande .....	.15	1.40
Coreless .....	.15	1.40
All Carrots 5c per packet.		

CARROTS

CULTURE—1 oz. for 100 foot row. 4 lbs. per acre.
Our carrot seed is entirely different from common seed and way ahead in quality.

The roots it produces are uniform in size, SMOOTH, richly colored, without a hard core, beautiful in appearance, so that the buyer can see that there is the carrot amongst carrots the moment he lays his eyes on the roots.

Raise the best. This is easy to do—use our seed. Your quality carrots will always find a buyer.

Boil a few of our carrots to find that the roots are exceptionally sweet, appetizingly fragrant, delicious in flavor. You will eat our carrots with zest even if not partial to carrots. Yes, our carrot is different.

EARLY CHANTENAY

Earlier than the Danvers Half-Long and will average some 30 to 40 tons to the acre. The root is somewhat stump-rooted, its average length will be between 5½ and 6 inches, tapering slightly from well-set shoulders. The surface is smooth and a deep orange in color, and the flesh is very crisp and tender. One of its best features is the fact that it is ready for table use at almost every stage of growth. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.60; 10 lbs. \$14.00, prepaid.

SELECTED DANVERS

The roots are almost cylindrical, stump rooted, of fine rich, orange red color. Flesh fine grained, crisp, tender, with a very little core. There is more seed sown of this variety than any other three table varieties combined. Why is this? Because there is no carrot grown that combines so many desirable qualities as this sort. Namely, it is of good quality and fine shape, size just right, and is very easily harvested. Above all, it is a very heavy cropper, 30 tons of roots per acre being no exceptional crop. It is a very important variety with market gardeners. Realizing this, we are constantly improving our strain of this carrot, and can confidently pronounce it the finest in cultivation. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.60; 10 lbs. \$14.00, prepaid.

GUERANDE OR OXHEART

Roots short and very thick, only about 6 inches long and fully 4 to 6 inches in diameter. Grows very rapidly and the roots attain a weight of more than a pound each. Excellent in quality. Will prove quite profitable for the market gardener. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.60; 10 lbs. \$14.00, postpaid.

CAULIFLOWER

	1/4 Oz.	1 Oz.	1 Lb.
Algiers Late	\$0.10	\$0.40	\$4.50
Autumn Giant	.10	.40	.450
Danish Giant	.45	1.80	20.00
Dry Weather	.45	1.80	20.00
Dwarf Erfurt Select	.45	1.80	16.00
Early Snowball	.40	1.60	16.00
Early Six Weeks	.45	1.80	20.00
Extra Early Paris	.13	.50	6.00
Italian Giant Late	.10	.40	4.50

COLLARD

	1 Oz.	1 Lb.
Georgia Blue Stem	\$.08	\$.65
Georgia White Cabbage	.10	.85

ENDIVE

	1 Oz.	1 Lb.
Batavian Broad Leaf	\$.10	\$.10
Green Curled	.10	1.10
Italian Red Rib	.10	1.10
Staghorn	.10	1.10

KALE

	1 Oz.	1 Lb.
Dwarf German	\$.10	\$.80
Dwarf Scotch	.10	.80
Excelsior Moss Curled	.15	1.20
Siberian	.08	.50
Tall Curled Scotch	.10	.80

NEW CABBAGE DELUX

THE MOST PROFITABLE LATE VARIETY

YELLOW RESISTANT

The finest, most reliable, sure heading, longest keeping and best paying late variety. A few days earlier than Danish Ballhead, oblong in shape, very hard, very white inside, medium in size. One of our friends, a most successful gardener, says this about Delux: I had 10 thousand plants set early, and was cutting early and again late. My cabbage was fetching at first \$2.50 per bushel and the lowest I ever got for it was \$1.00 per bushel. We had a dry spell and it looked as though part of my cabbage will be a failure. I stopped cutting—there was nothing to cut—and forgot about my cabbage patch. Early in the fall I started for the field with a plow. But I did not plow my cabbage under. My Delux was all headed out and finer cabbage I have never seen. Out of the 10 thousand plants only six did not make a head. My grocers customers actually begged for more Delux and I could have sold more had there been more. By planting early, you will have fine cabbage to sell early and again late and early planting will give your cabbage a good start so that worms and bugs cannot hurt it. Delux is a first rate keeper, wilt resistant and can be planted close. Pkt. 10c; oz. 60c; ¼ lb. \$1.50; lb. \$6.00.



Danvers Carrot

IMPROVED LONG ORANGE—Roots long, thickest near the crown, tapering regularly to a point. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.40; 10 lbs. \$12.00, postpaid.

ALTHRINGHAM—Very similar to Imp. Long Orange. Pkt. 5c; oz. 15c; lb. \$1.40; 10 lbs. \$12.00.

ST. VALERY—This is an extra fine variety, an improvement over Imp. Long Orange. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.40; 10 lbs. \$2.00, postpaid.

CORELESS—Medium heavy cropper, stump rooted, almost without a core, sweet and tender. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.60; 10 lbs. \$14.00, postpaid.

EARLY SCARLET HORN—Forcing variety. Roots cylindrical, 3 inches long. Quality very good. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.60; 10 lbs. \$15.00, postpaid.

NANTES—Oz. 15c; ¼ lb. 40c; lb. \$1.60; 10 lbs. \$14.00.

CAULIFLOWER PERFECTION

This new variety is the result of many years of efforts to breed a very early Cauliflower of the Dwarf Snowball Type. Perfection ripens fully 10 days ahead of Snowball. The plants are quite dwarf with small leaves and large heads, but not as large as Snowball. The heads are pure white, stone-hard, and of the finest quality. It is perfectly true to type and its evenness in maturing will be welcomed by market gardeners, as will enable them to clear off the ground at one cutting. Pkt. 20c; ¼ oz. 70c; oz. \$2.50; lb. \$25.00, prepaid.

DRY WEATHER OR DANISH GIANT

Reaches perfection where other sorts fail. Especially valuable in dry seasons and also in the South. It produces very large, perfectly-formed white solid heads, maturing about a week later than Snowball. The cauliflower will head when most other sorts would be a failure. Pkt. 20c; ¼ oz. 50c; 1 Oz. \$1.80; 1 lb. \$20.00, prepaid.

EARLIEST DWARF ERFURT

Popular with many gardeners. Quite similar to Snowball, except that it is a trifle earlier. Under good treatment every plant produces a fine large snow white head. Pkt. 20c; ¼ oz. 45c; oz. \$1.80; lb. \$16.00, postpaid.



CUCUMBER JUMBO

I had two acres in cucumbers, 8 different varieties; also Jumbo in between. I lost ALL with downy mildew except Jumbo, which is still bearing—N. A. B., Talavat, Florida.

A VIGOROUS DISEASE RESISTANT GROWER—IMMENSELY PRODUCTIVE

By the introduction of this cucumber, we are placing on the market a variety of exceptional merit, and one which will meet with the heartiest reception by all market gardeners as well as private planters.

JUMBO CUCUMBER differs from all other cucumbers in many respects.

FIRST—It has very handsome, smooth, long and slim fruits. The skin is of a dark green color, nearly black, and with only few spines that are hardly noticeable. It is very symmetrical, 18 inches long, and never more than three inches in diameter, except when fully ripe. It is faintly striped. The illustration gives a correct idea of its shape.

SECOND—It is a very vigorous grower with vines twice as long and leaves twice as large which stand twice as high as of other varieties.

THIRD—Jumbo Cucumber is enormously productive. The strong vines are heavy bearers and those growing Jumbo Cucumbers will certainly be elated when looking over their patch of beautiful long slim fruits.

FOURTH—Jumbo Cucumber is the finest eating cucumber on earth. It has very few seeds and the seeds are only half the size of other slicing varieties. The flesh is so tender and brittle that a slice of this cucumber taken on the end of a fork will break in two with only a slight jerk. We are certainly fortunate and glad to be able to offer a cucumber so extraordinarily good, and assure you that you never had as fine a cucumber as our Jumbo in your garden. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 80c; lb. \$8.00.

EGG PLANT

	1 Oz.	1 Lb.
Black Beauty	\$0.40	\$3.80
Florida High Bush .....	.40	3.80
Long Purple .....	.40	3.80
New York Spineless .....	.40	3.80

LEEK

	1 Oz.	1 Lb.
American Flag .....	.15	1.40
Large Musselburg .....	.15	1.40
Italian Winter .....	.20	1.80

GARDEN ROOTS

ASPARAGUS WASHINGTON—Heavy 2 year old roots. \$12.00 per 1000.

CHIVES—Fine leaved. \$1.00 per dozen heavy clumps; \$8.00 per 100.

HORSE RADISH BOHEMIAN—Can be planted in the fall and even during the winter if the ground is open. Per 100 sets \$1.20; \$10.00 per 1000.

PEPPER MINT—STRONG PLANTS: \$1.00 per 25; \$3.00 per 100.

SPEAR MINT—STRONG PLANTS: \$1.00 per 25; \$3.00 per 100.

RHUBARB—The variety we offer has gigantic bright red stalks and the roots are extra heavy. \$1.00 for 25; \$3.75 per 100. Undivided 3 year old clumps, very heavy for forcing: \$3.00 per 25; \$8.00 per 100. This offer is good only for delivery up to December 15th.

LETUCE

	1 oz.	1 lb.
All Seasons	\$0.15	\$1.40
Big Boston .....	.15	1.40
Black Seeded Simpson .....	.15	1.20
Bohemian Head .....	.15	1.40
California Cream Butter .....	.15	1.20
Deacon .....	.15	1.20
Denver Market .....	.15	1.20
Express Cos .....	.15	1.40
Grand Rapids Select .....	.20	1.60
Hanson .....	.15	1.20
Hot Weather .....	.20	1.60
Hubbard Market .....	.15	1.20
Iceberg .....	.15	1.40
Improved Big Boston .....	.15	1.60
May King .....	.15	1.20
New York .....	.20	2.00
Prizehead .....	.15	1.20
St. Louis Market .....	.15	1.20
Silesia Early Curled .....	.15	1.20
Superba .....	.15	1.20
Tenderheart .....	.15	1.20
Tennis Ball .....	.15	1.20
Unrivaled .....	.15	1.40
Wayahed .....	.15	1.40
White Seeded Simpson .....	.15	1.20
White Paris Cos .....	.15	1.40

CELERY

	1 Oz.	1 Lb.
Golden Self Blanching French	\$0.50	\$6.00
Golden Self Blanching Tall Type .....	.50	6.00
Giant Pascal .....	.20	2.00
Easy Blanching .....	.40	4.00
Sanford Saperb .....	.40	4.00
White Columbia .....	.40	4.00
White Plume .....	.20	2.00
Winter Queen .....	.15	1.60
Winter King .....	.20	2.00
French Success .....	.30	3.20

CELERIAC

	1 Oz.	1 Lb.
Giant Pragie	\$0.15	\$1.60
Large Erfurt .....	.15	1.60
Prague Model .....	.30	3.00

NEW CELERY—GOLDEN PLUME

Golden Plume is the best early celery in existence, being ready a whole week before Golden Self Blanching. The easiest celery to blanch, of beautiful golden color and most attractive in appearance. The stalks are smooth without ridges and lustrous like polished ivory, free from strings, of rich nutty flavor. Free from rust, highly resistant to blight and crown rot. First rate shipper and never fails to sell at top prices. Pkt. 15c; oz. \$1.00; lb. \$12.00.

CUCUMBERS

	1 oz.	1 lb.
Improved Long Green	\$0.10	\$1.00
Arlington White Spine .....	.10	1.00
Cumberland Pickle .....	.10	1.00
Evergreen White Spine .....	.10	1.00
Early Fortune .....	.10	1.00
Jumbo .....	.80	8.00
Klondyke .....	.10	1.00
Parisian Pickle .....	.20	1.40
Snow's Fancy Pickle .....	.10	1.00
Snake or Serpent .....	.20	2.00
West India Gherkin .....	.20	2.00
White Wonder .....	.10	1.00
White Spine .....	.10	1.00
Wild Cucumber .....	.20	2.00
Chicago Pickle .....	.10	1.00
Express Extra Early .....	.15	1.20
Woodruff's Hybrid .....	.15	1.40
Davis Perfect .....	.10	1.00
Windermoor Wonder .....	.20	2.00
Kirby's Stay Green .....	.15	1.40

LETUCE AND FRESH MANURE

To get good head lettuce, the ground must be rich, you must work in lots of manure to make it rich. ALWAYS work the manure clear into the ground. Disking will never do, as when the lettuce plant gets in touch with fresh manure it starts to rot and is lost.

BERMUDA ONIONS**NEW CROP SEED—TRUE TENERIFE GROWN**

WHITE OR YELLOW BERMUDA ONION—The flesh is white, the skin light yellow, mild in flavor so that many people eat it raw like an apple. Very popular in all markets. As a rule it is a very profitable crop. We offer the best seed, genuine Tenerife, raised by the oldest and most dependable grower on the Canary Islands. This onion is being planted very heavily as a winter crop in the South, but can be planted in the spring. If you expect to make large planting please write us as soon as possible so that we can reserve the seed for you. Pkt. 10c; oz. 20c; lb. \$2.20; 10 lbs. \$20.00, prepaid.

CRYSTAL WAX BERMUDA—Somewhat larger than the yellow variety, absolutely pure white, of very attractive appearance for that reason a good seller everywhere. It always sells at a higher price than any other onion. Pkt. 10c; oz. 30c; lb. \$3.20; 10 lbs. \$30.00, prepaid.

VALENCIA ONION

Slightly larger than Prizetaker, perfectly globe shaped, flesh clear white, extremely mild and sweet, skin light yellow. Will keep in perfect condition till summer and for shipping it has no superior. Ripens down very evenly and yields under ordinary conditions 25 tons of onions per acre and when transplanted and under high cultivation it will yield as high as 50 tons of large, beautiful and attractive bulbs per acre. Does well in all parts of the country and wherever tried it has quickly become highly popular. Pkt. 10c; oz. 30c; lb. \$3.50; 10 lbs. \$32.00.

MUSTARD

	1 lb.
Chinese Broad Leaf.....	\$.60
Ostrich Plume .....	.60
Southern Giant Curled.....	.60
White .....	.40

All Mustard 10c per oz.

OKRA OR GUMBO

	1 lb.
Brunswick	\$.60
Extra Early Dwarf.....	.60
Perkins Mammoth .....	.60
White Velvet .....	.60

All Okra 10c per oz.

PARSNIP

	1 Oz.	1 lb.
Hollow Crown	\$.10	\$.60
Premium .....	.10	.60

PEPPER

	1 Oz.	1 Lb.
Anaheim Chili	\$.35	\$3.60
Cayenne Long Red .....	.25	2.60
Cayenne Long Yellow .....	.40	4.00
Celestial .....	.35	3.20
Chinese Giant .....	.40	4.00
Early Neapolitan .....	.25	2.20
Early Giant Neapolitan.....	.60	6.00
Giant Crimson .....	.40	4.00
Goliath	1.00	10.00
Golden King .....	.40	4.00
Large Bell or Bull Nose.....	.25	2.40
Magnum Dulce .....	.50	5.00
Pimento or Perfection .....	.25	2.40
Red Cherry Large .....	.30	2.80
Red Chili .....	.25	2.60
Ruby King .....	.20	2.00
Royal King .....	.25	2.60
Sweet Italian .....	.25	2.60
Sweet Mountain (Hot) .....	.25	2.40
Szegediner Rosen .....	.25	2.60
Tabasco .....	.30	3.00
Texas Shipper .....	.25	2.60
Tomato or Squash .....	.25	2.60
Ruby Giant .....	.30	2.80
World Beater .....	.30	3.00

SPINACH

	1 Oz.	1 Lb.	10 Lbs.	100 Lbs.
Bloomsdale	\$.05	\$.35	\$2.20	\$19.00
Bloomsdale Long Standing.....	.05	.35	2.40	22.00
Fill Basket .....	.05	.35	2.20	19.00
Long Standing .....	.05	.35	2.20	19.00
Mammoth Italian .....	.05	.35	2.20	19.00
Norfolk Savoy .....	.05	.35	2.20	19.00
New Zealand .....	.10	.55	5.00	45.00
Thick Leaf .....	.05	.35	2.20	19.00
Viroflay .....	.05	.35	2.20	19.00
Victoria .....	.05	.35	2.20	19.00

DE GIORGI'S MODEL PEA**BIG PODS—EXTRA EARLY EVERBEARING—NO OTHER PEA LIKE IT**

Wonderful extra early pea, ready in 50 days from date of planting yielding an enormous crop of dark green pods 4 inches long, fairly broad, pointed, containing 8 to 9 large dark green peas, tender and sweet. The vines are short not over 18 inches. Unlike other peas MODEL can be planted for succession of crops throughout the entire season as it bears even in hot weather. From one planting you will harvest two full crops of pods. When you pick the first crop, your vines will cover themselves again with bloom and produce another crop of pods. And under good cultivation MODEL produces three crops from one planting. De Giorgi's Model is the best extra early, large podded pea we know of, sure to pay you handsomely. 1 lb. 50c, prepaid; 10 lbs. \$2.45; 25 lbs. or over at 23 cents per lb. F. O. B.

PEAS

	10 lbs.	100 lbs.
Alaska	\$1.90	\$16.00
Alderman	1.80	16.00
Big Dinner	2.00	18.00
Dwarf Telephone	2.00	18.00
Dwarf Defiance	2.00	20.00
De Giorgi's Model.....	2.20	18.00
Gradus	2.00	16.00
Improved Telephone	1.80	20.00
Laxtonian	2.20	18.00
Leader	2.00	18.00
Little Marvel	2.00	18.00
Potlach	2.00	18.00
Sutton's Excelsior	2.00	18.00
Strategem	2.00	18.00
Sugar Dwarf Grey	2.00	20.00
Thomas Laxton	2.20	20.00
World's Record	2.20	20.00

PARSLEY

	1 oz.	1 lb.
Champion Moss Curled.....	\$.10	\$.60
Hamburg Rooted .....	.10	.80
Moravian Rooted .....	.10	.80
Perfection Curled .....	.15	1.20
Plain Leaved .....	.10	.60

SUMMER SQUASH

	1 Oz.	1 Lb.
Early Yellow Bush.....	\$.10	\$.70
Fordhook .....	.10	.65
Giant Summer Crookneck.....	.10	.70
Mammoth White Bush .....	.10	.65
Vegetable Marrow White .....	.10	.80
Cocozella Neapolitan .....	.10	.80

TOMATO

	1 oz.	1 lb.
Apollo	\$.40	\$4.00
Acme .....	.30	3.00
Beauty .....	.30	3.00
Bonny Best .....	.30	3.00
Chalk's Early Jewel .....	.30	3.00
Cooper's Special .....	.40	4.00
Crackerjack	1.60	16.00
Dwarf Champion .....	.30	3.00
Dwarf Stone .....	.30	3.00
Dwarf Perfection .....	.40	4.00
Earliana .....	.30	3.00
Earliana Langdon's .....	.50	5.00
Essex Hybrid .....	.30	3.00
Early Detroit .....	.40	4.00
Gulf State .....	.40	4.00
Golden Queen .....	.30	3.50
Globe .....	.40	4.00
Greater Baltimore .....	.30	3.40
Ground Cherry Yellow .....	.30	3.00
Ground Cherry Purple .....	.40	4.00
Hundred Percent	4.00	
Improved Ponderosa .....	.60	8.00
Improved Stone .....	.30	3.00
Imperial .....	.30	3.00
John Baer .....	.30	3.00
June Pink .....	.30	3.00
Kansas Standard .....	.30	3.00
Livingston Globe .....	.40	4.00
Matchless .....	.30	3.00
McGee .....	.30	3.00
Marvana .....	.40	4.00
Marvelous Pink Globe	2.00	
New Stone .....	.30	3.00
Penn State Earliana	1.00	10.00
Ponderosa .....	.40	4.00
Purple Husk .....	.40	4.00
Redhead Reselected .....	.40	4.00
Red Plum .....	.40	4.00
Red Pear .....	.40	4.00
Texas Special .....	.80	6.00
Trucker's Favorite .....	.30	3.00
Yellow Husk .....	.30	3.00
Yellow Plum .....	.40	4.00
Yellow Pear .....	.40	4.00

TOMATO CRACKERJACK

A Great Variety For Greenhouse Forcing

Crackerjack produces ten times as many fruits as other varieties and under glass will make more money for you than any other crop. The fruit is solid, smooth, globe shaped, bright red and there is no waste, every tomato is salable. Medium in size, just right as the grocers of our city put it. It takes 3 to 5 Crackerjacks to a pound for this reason grocers prefer Crackerjack over the big sized tomatoes which are so hard to weigh unless cut in pieces. Nobody wants cut tomatoes, Crackerjack weighing without cutting is the sort desired. Crackerjack is a strongly self pollinating variety, every bloom is sure fruit which is produced in bunches of 5 to 10 every 6 inches of plant growth. Once it starts to turn in color it ripens quickly and evenly to the core. Crackerjack will yield bigger sized fruit if grown 10 degrees cooler than is required for other tomatoes. (Night temperature of 55 deg.)

One of our customers writes: I have been growing Crackerjack Tomato for the past four years with splendid results, getting on the whole about 80% of what we term 48 lbs. pack, that is that many tomatoes to a 10 pound box, which brings the highest price in our markets, especially when tomatoes retail for 40 or 50 cents per lb. We have grown tomatoes for the past 20 years—Comet and Sutton's Best—but Crackerjack skins either kind. Another grower says: I grew Crackerjack in my greenhouses and in a single season made enough money to enable me to make a trip to Europe. Price: Pkt. 25c; $\frac{1}{4}$ oz. 45c; oz. \$1.50.

NEW TOMATO MARGLOBE

Introduced by the U. S. Dept. of Agriculture under the supervision of Dr. F. J. Pritchard from whom we received stock seed. We grew a crop of Marglobe and saved the seed from the choicest fruits of the first setting to insure top notch quality. Marglobe is a masterpiece and we could write a long line of praise but will not do so, because Marglobe although a new variety is already famous. There is not an up to date gardener that has not either read or heard about it. You simply must grow Marglobe and it is important to you to know that we have a high class seed. Description: Globe shaped, smooth, very large, averaging half a pound per fruit, bright red, and all meat. When you cut a Marglobe it is like cutting an apple, it is that solid. Almost coreless, ripens its fruit well around the stem, of fine flavor. Skin thick almost as early as Bonny Best with a longer

picking season. Highly resistant to fusarium, nail head rust and puffiness of fruit. Also to a degree resistant to early blight, leaf mold and septoria leaf spot. Valuable for forcing when a big tomato is wanted. Marglobe is a variety in a class by itself that will make a back number out of many a good and popular variety as there is no tomato that can anywhere near compare with it in quality. We offer seed from our own growing saved from the choicest set fruit. Pkt. 10c; 1 oz. 60c; 1 lb. \$6.00.

TOMATO MARGLOBE — STANDARD STOCK — Pkt. 10c; oz. 40c; lb. \$4.00.

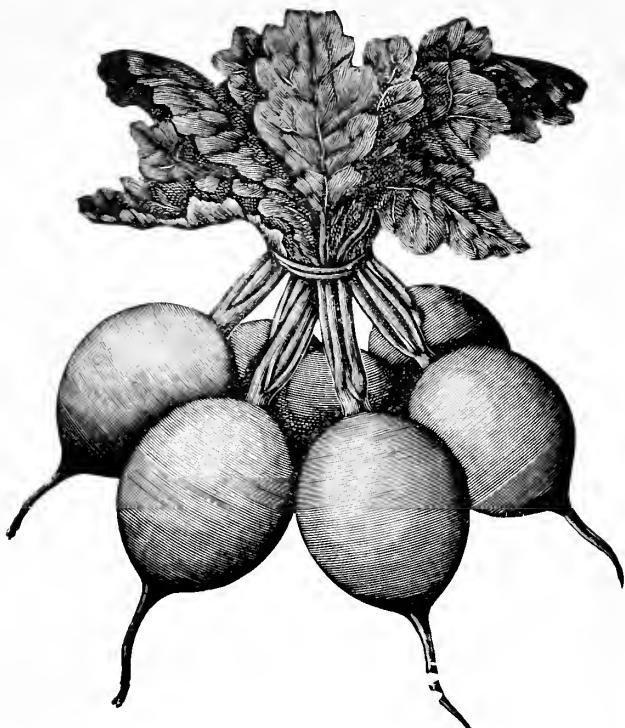
TOMATO—Ideal Forcing

New. Fruits slightly larger in size than Crackerjack, vines shorter, slightly darker red in color with very tough skin therefore a good shipper. Do not hesitate to try as Ideal is worthy of its name and if you prefer slightly larger tomatoes than our Crackerjack, Ideal may prove just the variety. Ideal is just as productive as Crackerjack. Pkt. 25c; $\frac{1}{4}$ oz. 50c; 1 oz. \$2.00.



TOMATOES UNDER GLASS

Sow in flats, transplant into 2½'s when the plants are about 4 inches high, set them 15 inches each way, keep well watered and growing fast till they get to blooming. While in bloom water sparingly until the tomatoes set. When you get five clusters on the plants top them and water plentifully. Be careful in watering. Marglobe will not mildew even if the walks in the greenhouse are wet, but to be successful with most other sorts, Marvelous Globe and Crackerjack included, you must grow them in a house with glass tight so there will be no drip and your walks must be dry. Some growers keep their tomatoes wet from start to finish which is a mistake. Watering, as we say, will result in a splendid crop. Crackerjack and Ideal Forcing runs about five fruits to two pounds. For the earliest sales, while prices are highest, grow small fruited sorts like Crackerjack or Ideal Globe, for a later crop Marglobe or Marvelous Globe pay better.



RESELECTED SAXA RADISH

Earliest on Earth

Perfectly globe shaped, skin bright red, flesh white, quality high class. Its great value lies in the fact, that it will produce a crop of finest round, red radishes, three weeks after sowing. Being a short topped radish it is a good sort to grow under glass. Oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 60c; 5 lbs. or over at the rate of 50c per lb., prepaid.

EXTRA SELECTED RADISH SEED

	1 Oz.	1 Lb.
All Seasons	.00	.60
California Mammoth White	.05	.40
Chartier	.05	.40
Cincinnati Market	.05	.40
Crimson Giant	.10	.60
Early Scarlet Globe	.05	.40
Early Scarlet Globe Forcing	.10	.60
Early Scarlet Globe W. T. Forcing	.10	.60
Early Long Scarlet	.05	.40
French Breakfast	.05	.40
Giant Butter	.05	.50
Giant White Stuttgart	.05	.40
Golden Globe	.10	.60
Icicle	.05	.40
Non Plus Ultra	.05	.40
Long White Vienna	.05	.40
Long Black Spanish	.05	.40
Perfection White Tip	.05	.40
Round Scarlet China	.05	.40
Round Black Spanish	.05	.40
Rose or Scarlet China	.05	.40
Rosy Gem	.05	.35
Sparkler White Tip	.05	.35
White Box	.05	.40
Wood's Early Frame	.05	.40
White Strassburg	.05	.40
Vick's Scarlet Globe	.05	.45

EARLY SNOWBALL TURNIP

An excellent variety to grow for greens, for a crop that is desired to come in the fall. In the South, if sown during August and September will make both a crop of tops as well as bulbs. Oz. 5c; lb. 60c; 5 lbs. or over at the rate of 50c per lb., prepaid.

TURNIP SHOGOIN

Dry Weather Foliage Turnip. It is predicted that Shogoin Turnip will displace Seven Top. The tops of Shogoin are carried upright, giving the plant unusual resisting qualities against insect pests, are mild in flavor and of extremely tender texture. Most desired by canners. The root is edible, pure white, globe shaped, tender and mild. Pkt. 10c; oz. 20c; lb. \$1.60, prepaid.

TURNIPS AND RUTABAGA VARIETIES OF TURNIP

All Prepaid	oz.	$\frac{1}{4}$ lb.	lb.
COW HORN	\$0.05	\$0.10	\$0.40
EARLY FLAT DUTCH	.05	.10	.40
GOLDEN BALL	.05	.10	.40
SEVEN TOP	.05	.10	.40
POMERANEAN GLOBE	.05	.10	.40
PURPLE TOP WHITE GLOBE			
SELECT	.05	.15	.60
PURPLE TOP WHITE MILAN—Extra early.	Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 60c, prepaid.		
WHITE MILAN—Extra early.	Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 60c, prepaid.		
WHITE EGG—Oz. 5c; $\frac{1}{4}$ lb. 10c; lb. 40c, prepaid.			

VARIETIES OF RUTABAGA

All Prepaid	oz.	$\frac{1}{4}$ lb.	lb.	10 lbs.
AMERICAN PURPLE TOP	\$0.05	\$0.15	\$0.60	\$5.50
MONARCH or ELEPHANT	.05	.15	.60	5.50
WHITE RUSSIAN	.05	.15	.60	5.50

We sell half pounds at pound rate, 5 lbs. or over at 10 pound rate, 25 pounds or over at 100 pound rate.

GLADIOLI

We grow gladioli on a large scale, treat our bulbs, send out nothing but young, clean, healthy stock grown from bulb-lets.

We fill orders entrusted to us promptly and carefully. It will pay you to give us a trial.

	Per 100 1 $\frac{1}{4}$ -1 $\frac{1}{2}$ "	Per 1000 1 $\frac{1}{4}$ -1 $\frac{1}{2}$ "	Per 100 1 $\frac{1}{2}$ " up	Per 1000 1 $\frac{1}{2}$ " up
ALBANIA	\$1.60	\$14.00	\$2.00	\$18.00
ALICE TIPLADY	1.50	13.00	1.90	16.00
AMERICA	1.60	14.00	1.90	16.00
ANNA EBERIUS	2.00	18.00	2.40	22.00
CHICAGO WHITE	1.50	13.00	1.90	16.00
CRIMSON GLOW	1.60	14.00	2.00	18.00
E. J. SHAYLOR	1.60	14.00	2.00	18.00
EVELYN KIRTLAND	2.20	20.00	2.70	25.00
GIANT NYMPH	2.30	22.00	2.80	26.00
HALLEY	1.50	13.00	1.90	16.00
HERADA	1.80	16.00	2.20	20.00
JEWELL	1.60	14.00	1.90	17.00
LE M. FOCH	1.40	12.00	1.70	15.00
LOS ANGELES	2.00	18.00	2.50	23.00
MAIDEN'S BLUSH	1.50	13.00	1.90	16.00
MRS. H. E. BOTHIN	1.80	16.00	2.20	20.00
MRS. F. PENDLETON	1.80	16.00	2.20	20.00
MRS. F. KING	1.60	14.00	2.00	18.00
PEACE	1.60	14.00	1.90	17.00
PURPLE GLORY	4.00	37.00	4.50	42.00
PRINCE OF WALES	2.00	18.00	2.50	22.50
ROSE ASH	1.80	16.00	2.20	20.00
ROSE 1910	1.60	14.00	2.00	18.00
ROMANCE	3.00	28.00	3.60	34.00
SCHWABEN	1.90	17.00	2.30	21.00
SOUVENIR	1.80	16.00	2.20	20.00
TYCKO ZANG	3.30	30.00	4.20	40.00
SCARLET PRINCESS	1.70	16.00	2.00	18.00
TOPAZ	1.60	14.00	2.00	18.00
VIOLET BEAUTY	4.00	38.00	5.00	46.00
VIRGINIA	1.70	16.00	2.00	18.00
WILBRINCK	1.60	14.00	1.90	17.00

We supply 250 of a variety at 1000 rate, 25 at 100 rate. Prices are F. O. B. Council Bluffs.

GLADIOLI TOPAZ

Salmon-pink over a buff ground, a color class of its own. Received first prize at American Gladioli Show in 1925. Extra early, one of the best forcers, first size bulb will throw 2 to 3 fine spikes. Vigorous, tall grower. Prim. Hybrid. Says a wholesale florist: Topaz is a wonderful gladioli for local trade and nearby points to ship. We grow Topaz very extensively.

GLADIOLI GIANT NYMPH

One of the best commercials. If you grow gladioli under glass or in the open, plant plenty of Giant Nymph. You will find that Giant Nymph will sell always.

Giant Nymph is one of the finest of all Gladioli of beautiful, appealing, deep pink color with a creamy yellow throat, the individual flowers wide open, of largest size carried on a stout extra tall spike. A wonderful flower in every way, extra strong grower, a fine forcer producing practically 100 per cent salable spikes under almost any conditions. Nymph is one of our favorites in glads, we grow it extensively, have a large supply of bulbs and can take care of sizeable orders. Our price is low, our bulbs exceptionally fine.

Reliable Flower Seeds

**FOR SUMMER AND
EARLY FALL SOWING**

ACANTHUS LUSITANICUS

(*ACANTHUS MOLLIS*)—A stately, hardy perennial with highly ornamental, large, dark green leaves. Flowers white or lilac, in long racemes. A fine plant as a single specimen or as back ground for mixed borders. T. pkt. 10c; oz. 40c.

ACHILLEA THE PEARL

Easily raised from seed. Always in bloom and useful no matter for what occasion flowers are needed, doing well in any kind of soil both in shade as well as in a sunny exposure. Will never fail to furnish a wealth of bloom and will last forever if divided and reset every year late in summer. Hardy perennial. Height 2 feet. If sown early will bloom the first season. T. pkt. 10c; $\frac{1}{8}$ oz. 40c; 1 oz. \$3.00.

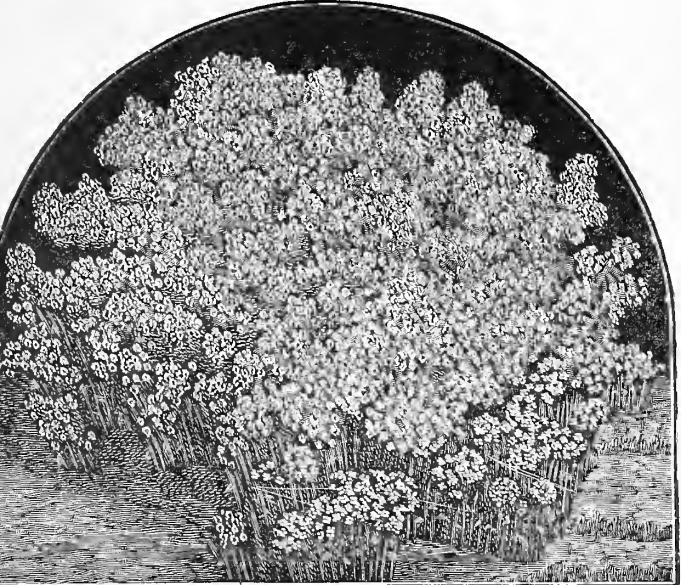
ACONITUM—MONKSHOOD

NAPELLUS—Long spikes of curiously shaped blue flowers. Plant in shrubby or shady places of the garden. Hardy perennial. Height 3 to 4 feet. T. pkt. 10c; $\frac{1}{8}$ oz. 25c; 1 oz. \$1.40.

AGROSTEMMA HYBRIDA WALKERI

A highly attractive hardy perennial, bearing extra large flowers of brilliant rosy-purple. Of easiest culture. Height 30 in. T. pkt. 10c; oz. 60c.

ALYSSUM—MAD WORT



ALYSSUM LITTLE GEM

ALYSSUM LITTLE GEM—Very dwarf, only 3 to 4 inches in height. A single plant will cover a space a foot in diameter. Densely studded from spring until fall with beautiful spikes of deliciously fragrant flowers. This is the finest Alyssum in cultivation and we know of no other flower which is so well adapted for borders and ribbons as Alyssum Little Gem. T. Pkt. 10c; oz. 40c; lb. \$4.00.

ALYSSUM CARPET OF SNOW—T. pkt. 10c; oz. 40c; lb. \$4.00.

ALYSSUM LILAC QUEEN—Dwarf and compact, flowers of pretty deep lavender color. T. pkt. 10c; oz. 60c; lb. \$5.00.

ALYSSUM MINIMUM—Dwarfest and daintiest of its class. The neat round plants are a sheet of white bloom raising only two inches above the ground and make the most beautiful edgings imaginable. T. pkt. 10c; oz. 60c; lb. \$6.00.

ALYSSUM SWEET—The well known sort with sweet scented white flowers. T. pkt. 10c; oz. 20c; lb. \$2.00.

ALYSSUM SAXATILE COMPACTUM—(Basket of Gold.) Flowers brilliant golden yellow completely hiding the foliage. Height 9 inches. Enjoys sun, and not too much moisture. Hardy perennial. T. pkt. 10c; oz. 50c; lb. \$7.00.

ANEMONE WINDFLOWER

Start the seed in rich soil free of fresh manure—cover lightly. When the plants are of some size, set out, dig before frost, store the bulbs in a frost proof place. Plant out the following spring in rows 6 in. apart, 4 in. apart in the rows, 2 in. deep. Where winters are not severe bulbs may be left outdoors.

ST. BRIGID—A most beautiful flower, fine for cutting. The flowers are 3 to 5 inches across, single, semi-double, and produce in great abundance. The colors are of all shades, and markings, scarlet, pink, maroon, purple, lilac, striped, mottled, etc. It is one of the most gorgeous flowers, unsurpassed for cutting. Height 15 inches. Hardy perennial. T. Pkt. 10c; 1-8 oz. 35c; oz. \$2.00; lb. \$30.00.

ANCHUSA MYOSOTIDIFLORA

Of neat compact growth, not over 20 inches high, with fine, heart shaped foliage and bearing quantities of deep blue forget-me-not-like flowers. Valuable because it blooms during April and May, is fine for cutting and an excellent rock plant. T. pkt. 20c; 1-8 oz. 50c.

ITALICA—"Dropmore"—Hardy perennial, bearing all summer flowers of the richest gentian blue. Height 4 feet. T. pkt. 10c; oz. 80c; lb. \$8.00.

ANTHEMIS MACEDONICA

White Marguerite. Free blooming hardy perennial, flowers glistening white, fine for cutting. Height 12 in. T. pkt. 10c; oz. 60c.

KELWAYI—Hardy Marguerite. A most satisfactory hardy perennial, bearing all summer daisy-like golden yellow blossoms. Height 2 feet. T. Pkt. 10c; oz. 30c; lb. \$4.00.

Arabis Alpina Grfl. Superba—Sweet Rocket

Hardy perennial of easy culture withstanding heat and scorching sun even in quite poor soil. Resembles Alyssum in habit and is covered with a sheet of glistening white flowers as soon as the snow disappears. Height 6 inches. T. pkt. 10c; oz. 60c; lb. \$6.00.

ARISTOLOCHIA—DUTCHMAN'S PIPE

One of the best perennial hardy climbing plants. When trained against a house or over a trellis it is matchless. Foliage is abundant and rich deep green. It is never bothered by insects. Flowers are small, but very pretty, yellow and brown mottled and curiously shaped. Grows to a height of 30 feet. Plants should be spaced a foot apart. 1 oz. \$1.00; T. Pkt. 10c.

ARUNDO DONAX. Giant Reed—Absolutely hardy, rapidly growing bamboo-like grass attaining a height from 5 to 15 ft. Although it succeeds almost in any soil does best near water. Grown for its showy foliage and silky plumes. T. Pkt. 10c; oz. 60c.

ARMERIA FORMOSA—SEA PINK

Beautiful hardy perennial plant, excellent for cutting, producing brilliantly colored large rosy red flowers that will last a long time in water. Height 1 foot. T. pkt. 10c; oz. \$1.00; lb. \$12.00.

ARMERIA CEPHALOTES—Hardy perennial of easy culture and steady growth, doing well in almost any kind of soil, producing from dense, grass-like foliage masses of bloom carried on wiry stiff stems from early spring till fall. The flowers are round clover-like in shape, deep rose in color and retain their brilliance long time after cut. T. pkt. 10c; oz. \$1.00; lb. \$12.00.

ASTILBE DAVIDII

A very beautiful hardy perennial bearing graceful spikes of rosy violet or mauve flowers. Fine for cutting. Awarded first class certificate in England by Royal Horticultural Society. New Height 6 ft. Easily raised from seed. T. Pkt. 30c; 1-32 oz. 40c.

ASPARAGUS

Both Asparagus Sprengeri and Plumosus will stand quite cool growing temperature but best results are obtained if grown in a night temperature of 50 degrees.

Sow in light sandy soil in well drained shallow flats at any time. December to April is especially good period. You can grow it in solid beds, benches, boxes, bulb pans and even in hanging baskets. To do well Asparagus needs a bed of soil 8-10 inches deep. Most florists cut their own asparagus fronds when the market is high and buy when the price is down.

ASCLEPIA TUBEROSA

Butterfly Weed. Hardy plant, 2 to 3 ft. high with very showy flowers of brilliant scarlet, blooming in July and August. T. Pkt. 15c; 1-16 oz., 25c; 1-8 oz., 45c.

ASTER ALPINUM GOLIATH

Absolutely hardy, easily raised from seed, flowers large, daisy like, deep lavender in color, with a small yellow disc on stout stalks 10 in. long. In bloom from May to July, fine for cutting and rock work. T. pkt. 10c; 1-8 oz. 30c; oz. \$2.00.

ANTIRRHINUM—SNAPDRAGON

Perennials, flowering the first year from seed.

All the varieties listed by us produce immense spikes of very large flowers. The tall varieties are best for greenhouses, the half dwarf are best for garden culture, as they do not need supports, and the dwarf varieties make fine borders and edgings. The soft coloring and daintiness and genuine beauty of the blooms make the Snapdragons more popular every year. They do well almost in any soil. The seed may be sown outdoors early in May and will produce blooming plants from July to frost. For early flowering sow in the house or frames in February or March. Cover the seed very lightly. Set the plants 9 inches apart.

GREENHOUSE CULTURE—To get a crop for Christmas sow from June 25 to July 31, depending upon the time you wish to bench the plants. Use well prepared LOOSE soil, cover this with a thin layer of fine clean sand, then sow the seed and be sure to cover the same very lightly. Covering the seed too deep and overwatering before or after germination, will mean a poor stand. When your plants are large enough, put them into 2½ inch pots, use sifted sod soil, that contains no fresh manure. Pinch the plants once and allow 6 to 8 breaks to grow on each. Early in September the plants will be nearly pot bound and it is time to place them into benches 10 inches apart. Remove all suckers and prune the shoots at the base of the plants if they should crowd one another. Stake the plants early. Temperature 58-60 degrees at night. To prevent rust never allow water to touch the foliage even when the plants are first potted.

You will never have any trouble with rust or disease if you will water carefully, not crowd the plants and ventilate, but if rust should appear write for bulletin No. 221 to Agricultural Experiment Station, Urbana, Ill.

Tall Giant Snapdragon—Height 24 to 36 in.

APPLEBLOSSOM—Pink and white.

SILVER PINK—True.

EVENING SKY—Rose, yellow mouth and white throat.

ROSE—Brilliant rose Pink.

ANY OF THE ABOVE—1 oz. 80c; lb. \$8.00; T. pkt. 10c.

WHITE—Pure white.

GARNET—Rose pink.

PINK—Delicate pink.

SCARLET—Bright.

YELLOW—Rich yellow.

MIXED—All colors.

Half Dwarf Snapdragon—Height 18 in.

NELROSE—Salmon pink.

FIREFLAME—Scarlet, throat white.

QUEEN OF THE NORTH—White.

CRIMSON QUEEN—Crimson.

DAPHNE—Soft blush pink.

DEFIANCE—Orange red.

FAWN—Pink and yellow.

ROSE—Brilliant rose pink.

ANY OF THE ABOVE—1 oz. 80c; lb. \$8.00; T. pkt. 10c.

FIREBRAND—Rich deep red.

GOLDEN QUEEN—Rich yellow.

RUBY—Ruby red.

DARK SCARLET.

FIREFLY—Scarlet and white.

CARMINE QUEEN—Rosy carmine, flowers fringed.

MONT BLANC—Pure white.

ROSE QUEEN—Rich rose.

MIXED—All colors.

SNAPDRAGON SPECIAL MIXTURE

Includes all the Giant half dwarf Snapdragon varieties named above, as well as many new sorts. T. Pkt. 10c; oz. 80c; lb. \$8.00.

DWARF TOM THUMB SNAPDRAGON

WHITE—PINK—SCARLET—MIXED

All large flowered varieties. Height 8 to 15 inches. T. Pkt. 10c; oz. \$1.00; lb. \$8.50.

ANTIRRHINUM GOLIATH

A new race of Snapdragons bearing extra heavy, long, massive spikes of splendidly formed bloom, closely placed on the stalks with individual flowers from 2 to 3 inches across. We offer these in a mixture in which the predominating colors are shades of pink, yellow, pure white and a sprinkling of dark colors. Height 35 inches. T. Pkt. 25c; ½ oz. 30c; oz. \$3.20.

AQUILEGIA—COLUMbine

First rate cut flower, in bloom from April to July, among the first of the cut flower perennials to bloom. Will do well in partly shaded position as well as in full sunlight and once established requires no care. Perfectly hardy. Two year old plants carried over in a cold frame over winter and planted out in a cool house late in February will give a crop of splendid spikes three weeks before the outdoor crop. Plant a foot apart.

ROCKY MOUNTAIN COLUMBINE—Sepals deep blue, petals white.

Height 2 feet. T. Pkt. 10c; 1-8 oz. 25c; oz. \$1.40; lb. \$18.00.

ROSE QUEEN—The plants produce on long slender stalks in great profusion flowers of light to dark rose with white center and yellow anters. Height 2½ feet. ½ oz. 40c; T. Pkt. 15c; oz. \$2.60; lb. \$32.00.

LONG SPURRED HYBRIDS—Very vigorous growers with luxuriant foliage and frequently over 3 feet in height. The colors of the flowers are most gorgeous; pure white, yellow, deep blue, lavender, mauve, chocolate, pale lilac, scarlet, pink, salmon, cerise, etc. T. Pkt. 10c; ½ oz. 25c; oz. \$1.60; lb. \$20.00.

SKINNERI—Scarlet. T. Pkt. 15c; ½ oz. 35c; oz. \$2.40.

CHRYSANTHA—Yellow, strong tall grower. T. Pkt. 10c; 1-16 oz. 20c; oz. \$1.60; lb. \$18.00. Height 3½ feet.

SILVER QUEEN—Flowers pure white, long spurred. Height 3 feet. T. Pkt. 15c; ½ oz. 35c; oz. \$2.00; lb. \$26.00.

COPPER QUEEN—Large flowered, long spurred variety with broad petals of dark copper red and straw colored corolla. T. Pkt. 20c; ½ oz. 35c. Height 2½ feet.

LEMON QUEEN—Robust growing variety, blooms large, long spurred of pleasing pale yellow. T. Pkt. 20c; 1-8 oz. 40c; oz. \$2.40. Height 2½ feet.

AQUILEGIA DOUBLE MIXED—Many colors mixed. Height 2 to 3 feet. T. Pkt. 5c; oz. 40c; lb. \$5.00.

BEGONIA

For winter blooming or early spring blooming sow from August to September. Begonias are tender perennials and must never be planted outside until the weather is thoroughly settled. They require a shady, moist situation and lots of water during the growing period. Never water while the sun is shining as this causes the leaves to rust. All Begonias are slow growers and for the first two months they seem to make no progress whatever, but they are coming just the same, and if the seed is sown in January you will have bushy plants in 4's by the middle of May.

BEGONIA CHRISTMAS CHEER

Everblooming. Of broad, compact, globular growth, completely covered with fiery, cherry-red flowers two inches across. The foliage is dark, shiny green. Height 6 in. T. Pkt. 40c.

GUSTAV KNAAKE—Blooms almost two inches across, fiery red, produced on ball shaped compact, pale green bushy plants, 10 inches tall, unexcelled for bedding or pots. Of easy culture. Sown from April to early Fall, blooms throughout the whole summer. T. Pkt. 40c; 1-64 oz. \$1.25; 1-32 oz. \$2.25.

BEGONIA VERNON—A fine bedding sort with rich red flowers and glossy bronze-red foliage. T. Pkt. 10c; 1-32 oz. 30c; 1-16 oz. 50c; 1-8 oz. 85c; ¼ oz. \$1.50.

SEMPERFLORENS ALBA—Grows in symmetrical compact form and the plants are literally covered with pure white flowers which droop gracefully in large panicles. Leaves glossy green. Vigorous grower and constant bloomer. 1-32 oz. 30c; T. Pkt. 20c.

SEMPERFLORENS ERFORDIA—Everblooming variety, flowers bright rosy pink. T. Pkt. 25c; 1-64 oz. 85c; 1-32 oz. \$1.50.

PRIMA DONNA—Flowers very large of clear pink color, deepening to red towards the center. T. Pkt. 40c; 1-64 oz. \$2.00; 1-32 oz. \$3.50.

GRACILIS LUMINOSA—Exceptionally sturdy and unquestionably one of the choicest bedding sorts in existence. Flowers large, perfect and plentiful and never out of bloom. Color the brightest scarlet. T. Pkt. 25c; 1-64 oz. 85c; 1-32 oz. \$1.50.

TUBEROUS ROOTED HYBRIDS—Of great value for summer decorating or window gardening, producing flowers of gigantic size often 6 inches across. The colors range from white and vivid scarlet through shades of bright bronze yellow, light and dark crimson, orange, ruby-red, rose and pink. Our seed has been saved from selected flowers, is carefully hybridized and will produce tubers in six months. Single mixed. T. Pkt. 25c; 1-64 oz. \$1.25; 1-32 oz. \$2.25.

BEGONIA SPECIAL MIXTURE—Contains Semperflorens and Gracilis varieties in equal proportions. T. Pkt. 25c; 1-64 oz. \$1.75; 1-32 oz. \$3.25.

BEGONIA CHRISTMAS PINK

Identical in every way with Christmas Cheer except in color of bloom, which is pure, rose-pink. T. Pkt. 50c.

WINTER BLOOMING BEGONIA ROMANCE

New. Can be brought into full bloom at Christmas-time from seed sown in July. From then on, it will bloom uninterruptedly for months. Flowers bright carmine-red, foliage light green. T. Pkt. 50c.

BELLIS—DOUBLE DAISY

Lovely edging perennials with cheerful button-shaped flowers in early spring. They thrive in moist and somewhat shady situations. They must be transplanted every year and in our climate protected over winter with a layer of about 4 inches of straw. They grow readily from seed and should be sown indoors in February or March or in August in a cold frame and protected over winter. Treated thus they will bloom abundantly early in the spring. Plant 4 inches apart.

SNOWBALL—Large, double white flowers. T. Pkt. 10c; 1-8 oz. 30c; 1 oz. \$1.50.

LONGFELLOW—Pink. T. Pkt. 10c; 1-8 oz. 30c; oz. \$1.50.

FINE DOUBLE MIXED—T. Pkt. 10c; 1-8 oz. 25c; oz. \$1.50.

MONSTROSA WHITE—Produces flowers almost as big as a good sized aster, borne on long stiff stems. T. Pkt. 10c; 1-8 oz. 40c; oz. \$2.50.

MONSTROSA PINK—T. Pkt. 15c; 1-8 oz. 45c; oz. \$3.00.

MONSTROSA MIXED—Pkt. 15c; 1-8 oz. 40c; oz. \$2.80.

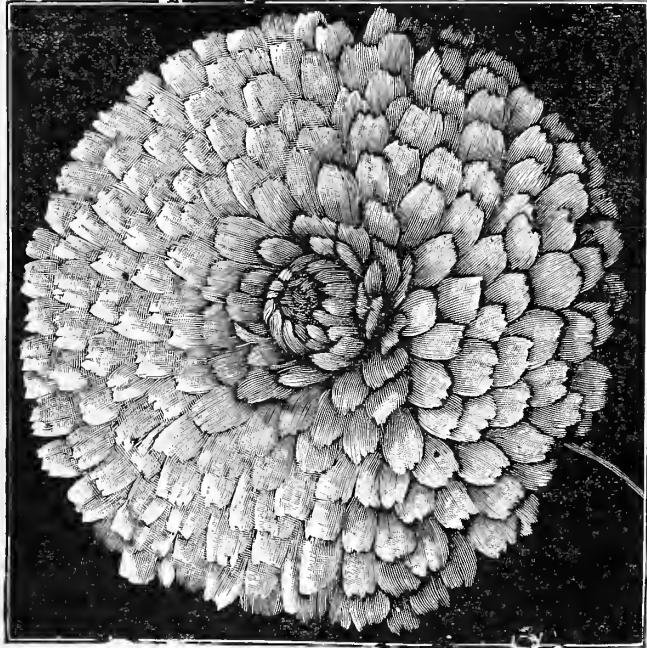
COLUMN DAISY—Grows upright, is very compact, flowers large and double, snow white, and ideal as a pot plant as well as for bedding. A splendid new flower. T. Pkt. 15c; ½ oz. 40c; oz. \$3.00.

BOCCONIA CORDATA—PLUME POPPY

Very showy and quite unlike the regular poppy in that the flowers are small, creamy white and are borne on long stems quite above the massive foliage. Height 6 feet. Oz. 70c; 1-8 oz. 15c; T. pkt. 10c.

BLUE LACE FLOWER

Sow direct to where the plants are to stand as they will not bear transplanting. Thin out to stand 6 inches apart. Height 2-3 feet. T. pkt. 10c; 1/2 oz. 20c; oz. \$1.20; lb. \$10.00.



Calendula Orange King

CALENDULA ORANGE KING

Of all Calendulas this is the best. Flowers very large, double of rich orange color.

CHOICEST QUALITY for greenhouse forcing. T. Pkt. 15c; oz. 80c; 1/4 lb. \$3.00.

BALL'S ORANGE CALENDULA—A selection from Orange King, very large and double. T. pkt. 25c; 1/4 oz. 65c; oz. \$2.60.

CALENDULA—CRIMSON KING

CAMPFIRE OR SENSATION—A new and very superior forcing strain of calendula bearing extremely double, unusually large flowers on extra long, strong stems, of deep orange with a sheen of crimson, especially prominent under artificial light. Comes 100 per cent double and created a sensation wherever shown. T. pkt. 25c; 1/4 oz. 35c; oz. \$2.00.

CALENDULA RADIO

A distinct break from the old type of Calendula. The petals are curled up, appearing as miniature tubes, pointed at the ends, unique and charming. Color deep glowing orange. T. pkt. 20c; 1/8 oz. 30c; oz. \$2.00.

CALCEOLARIA

DWARF TIGRED AND SELF COLORED MIXED—T Pkt. 25c; 1-64 oz. \$1.75; 1-32 oz. \$3.30.

CAMPANULA—BELL FLOWER

All campanulas that we offer are hardy perennials except Medium, which is a binennial. All campanulas delight in well drained, sandy soil.

CAMPANULA CARPATICA (Harebell).—A hardy vigorous variety about 18 inches tall, beautiful for groups and edgings as well as for the rockery. **BLUE—WHITE—MIXED.** T. Pkt. 10c; 1-8 oz. 20c; oz. \$1.20, lb. \$16.00.

Campanula Calycanthema—Cup and Saucer

The bells have a large calyx of same color as the flower, resembling a cup and saucer. Extremely showy. An excellent cut flower. Culture same as for pansies. Fall sown seed will make flowering plants next spring.

BLUE, PINK, WHITE MIXED—Any color: T. Pkt., 10c; 1-8 oz. 25c; oz. \$1.60.

Campanula Medium—Canterbury Bells

Popular old fashioned variety with attractive large bells. **CAMPANULA MEDIUM BLUE**—T. Pkt. 5c; oz. 40c; lb. \$4.00. **MEDIUM MIXED**—T. Pkt. 5c; oz. 40c; lb. \$4.00.

CAMPANULA PERSICIFOLIA BIG BELL

Campanula Persicifolia Big Bell has flowers nearly double the size of the old variety, the bells are wide open and the whole plant is of a fine round form, very beautiful and excellent as a pot plant as well as for cutting.

BIG BELL WHITE—BIG BELL BLUE—BIG BELL MIXED—Any color. T. pkt. 15c; 1-16 oz. 60c; 1-8 oz. \$1.10; oz. \$8.00.

CAMPANULA TELHAM BEAUTY

Hardy campanula of the Persicifolia group. Produces clear, soft porcelain-blue, bell-shaped flowers, immense in size, in fact Telham Beauty is the largest flowered hardy campanula there is. The flowers are carried on stout, straight stems 30 in. long. Strikingly beautiful. High class for cutting. Easily raised and perfectly hardy. Another plant that ought to make good profit for the grower. T. pkt. 50c.

CAMPANULA GRANDIS

Hardy perennial, beautiful and uncommon, fine for cutting and of great value to growers that sell hardy perennials. Raise this campanula, if you appreciate the value of something new and of striking beauty. The flowers are bell shaped wide open, three inches across, born on a willowy stalk, growing directly from the stalk for a length of 20 inches. Height 30 in. In bloom during June and July. Height 30 inches. T. pkt. 30c; 1/8 oz. \$1.00.

CAMPANULA GLOMERATA SUPERBA

Hardy perennial, most uncommon and strikingly beautiful. No words are adequate to describe the beauty of this flower. An excellent cut flower and the kind that will advertise the grower far and wide. Raise plenty of this new Campanula, you will sell all the plants you can possibly raise.

The blooms are produced at the end of the stalk, they are in shape an elongated bell, the richest, deep blue in color and the blossoms are grouped together in an immense crown. A very superior and extraordinary flower, that will make money and friends for the grower. Will do well in any position, but prefers a situation sheltered from the afternoon sun. In bloom during June and July. Height 20 in. T. pkt. 30c; 1/8 oz. \$1.00.

CAMPANULA PYRAMIDALIS

(Chimney Bell Flower.) Hardy perennial. The flower spikes are crowded with numerous large blue salver-shaped flowers forming a perfect pyramid 4 to 6 feet high. Very conspicuous and beautiful. T. pkt. 15c; 1/8 oz. 25c; oz. \$1.60.

CAMPANULA SPECIAL MIXTURE—Contains all the perennial varieties listed with a good proportion of new sorts. T. pkt. 15c; 1/8 oz. 25c; oz. \$1.60.

CANDYTUFT—IBERIS

GIBRALTARICA HYBRIDA—White flowers, shading to lilac. A fine perennial variety. T. pkt. 10c; oz. 80c.

SEMPERVIRENS—Completely covered with heads of pure white flowers in spring; much used for cemeteries, rockeries, etc. Perennial. T. pkt. 10c; 1/8 oz. 20c; oz. \$1.00.

TEICHER CARNATION

Hardy annual. Sow the seed during August and September, treat like pansies. The plants will bloom profusely throughout the following summer. Or sow early in the spring under glass. The seed produces 80% doubles and each plant bears 80 to 100 flower stalks.

Vigorous in growth, flowers four inches in diameter, equal in size to carnations grown under glass, carried on long sturdy stalks, excellent for bouquets. Teicher is the best florist carnation on the market today. The colors are white, pink, crimson, salmon, purple and scarlet. Finest mixed. T. pkt. 35c; 10 pkts. \$2.75.

CARNATION

SPECIAL CARNATION MIXTURE—This mixture includes all the finest strains of sweet scented carnations. Such as Giant Margareth, Chabauds, Giant Fancy, Malmaison, Giant of Nice, Riveria Market, Dwarf Vienna, etc.. T. pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{8}$ oz. 55c; oz. \$4.00.

MARGARETH—Ready to bloom in about five months after sowing. No matter at what time of the year the seed is sown this carnation comes into bloom in five months and it can be had in bloom at any time of the year, early in spring, in the winter, etc. The flowers are very large, from 2 to 3 inches in diameter.

WHITE, PINK, CRIMSON, YELLOW, VIOLET, STRIPED, MIXED—Any color. T. Pkt. 10c; 1-8 oz. 20c; oz. \$1.20.

GIANT OF NICE—Flowers 3 inches across, mostly double. T. Pkt. 20c; 1-32 oz. \$1.25; 1-16 oz. \$2.40.

GRENAVIN RED—Fine for pots. T. Pkt. 10c; 1-8 oz. 20c; oz. \$1.00.

DWARF VIENNA—Hardy and strongly scented. Bloom next year from seed. T. Pkt. 10c; 1-8 oz. 20c; 1 oz. \$1.00.

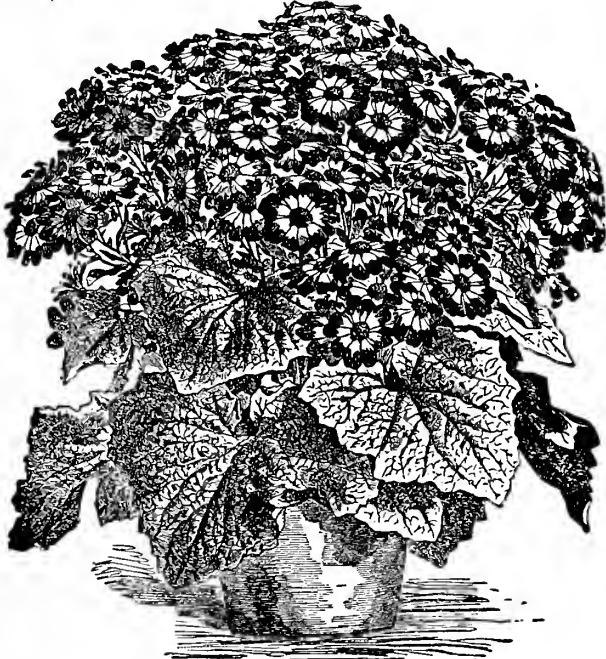
AMERICAN CARNATIONS—Best in the world, blooming practically all year round. 100 seeds 80c; 10 seeds 15c.

CATANANCHE MIXED

A splendid hardy perennial strawflower, excellent for cutting, bearing on the long slender stems, flowering heads two inches across, with wide, flat-toothed, blue or blue and white rays of elegant appearance. Blooms in June, July and August, and grows 2 feet tall. Our mixture contains the coerulea and coerulea alba varieties, one blue, the other blue and white. T. pkt. 10c; $\frac{1}{8}$ oz. 15c; oz. 60c.

Cerastium Tomentosum—Snow In Summer

Hardy perennial of dwarf, compact growth, with woolly white leaves, bearing great numbers of white flowers, much used for edging and as a rock plant. Height 6 in. T. pkt. 10c; 1-16 oz. 20c; 1-8 oz. 80c; oz. \$1.60.



CINERARIA

HALF DWARF MIXED—This mixture contains the choicest, large flowered prize varieties, raised by a European specialist, and represents the cream of the largest collection of specimens in Europe. T. pkt. 25c; 1-64 oz. \$1.50; 1-32 oz. \$2.90; 1-8 oz. \$11.00.

CINERARIA GIGANTHEA—Dark red with white. T. pkt. 25c; 1-64 oz. \$2.50.

CINERARIA GIGANTHEA—Blue with white. T. pkt. 25c; 1-64 oz. \$2.50.

CINERARIA GIGANTHEA MATADOR—Scarlet. T. pkt. 25c; 1-64 oz. \$1.75.

CINERARIA MULTIFLORA GRFL MAXIMA

A new, very superior race of Cineraria. Flowers very large, in many clear and attractive colors. The flower trusses are 12 to 14 inches across with 80 to 100 single blossoms that are 2 to 3 inches across. Beautiful, neat foliage that sets off the gorgeous bloom in a wonderful way making this Cineraria a most attractive plant, easy to sell. Height 12 to 16 inches. T. pkt. 60c.

CEPHALARIA ALPINA

Robust and rather coarse, hardy perennial plant, suitable for rear of borders when bold effects are desired. Flowers light yellow shaped like those of scabiosa. Blooms in June and July. Height 5 ft. T. pkt. 5c; $\frac{1}{8}$ oz. 10c; oz. 45c.

CENTAUREA MONTANA—Hardy perennial growing 2 feet high with large feathery flowers. **BLUE—WHITE—MIXED**. Any color: T. pkt. 10c; $\frac{1}{8}$ oz. 15c; oz. \$1.00.

CHEIRANTHUS ALLIONI

Hardy Siberian Wallflower, Georgeous bright yellow flowers from early till frost if the seed pods are removed. Height 1 ft. T. pkt. 10c; oz. 60c.

CHRYSANTHEMUMS—Perennial Varieties

Sow under glass in February or March or outdoors from April till July. Space the plants a foot apart both ways. If planted in light sandy soil they will come through the winter in good shape with a slight covering.

SHASTA DAISY—Alaska variety only the flowers are slightly smaller. T. pkt. 5c; oz. 40c; lb. \$5.00.

SHASTA DAISY ALASKA—A splendid variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals and borne on long stems, a beautiful cut flower, remaining in good condition nearly 10 days. 1-8 oz. 25c; oz. \$1.60; T. pkt. 10c.

CHRYSANTHEMUM—May Queen

Of all the single daisy-like chrysanthemums this is the most valuable, as it blooms early in May, stays in bloom for a long time and produces blooms 4 inches across with a double circle of tongue-shaped florets nearly half inch wide, giving the flower a most attractive appearance. Snow-white. Hardy. T. pkt. 20c; 1-8 oz. 40c; oz. \$2.25.

MRS. C. L. BELL—New. Hardy vigorously growing variety with flowers 6 inches across of purest white, with broad petals of much substance, bearing great numbers of flowers on long stems till October. The largest and finest hardy single chrysanthemum, most valuable for bouquets. Height 2½ feet. T. pkt. 10c; $\frac{1}{8}$ oz. 15c; oz. 80c.

CLEMATIS PANICULATA

One of the best of all hardy climbers, disease free, fast growing, forming dense sheets of white fragrant bloom lasting for several weeks. The foliage is clean, glossy and thick. The seed germinates readily if sown early in spring or late in summer in rows foot apart and the seed covered $\frac{1}{4}$ in. You can raise strong plants from seed in one season. T. pkt. 10c; oz. 40c; lb. \$4.00.

COREOPSIS

DOUBLE COREOPSIS—Same in size and color as the old variety with flowers having double the amount of petals, making it almost double. T. pkt. 10c; oz. 40c; lb. \$2.60.

CYCLAMEN—ALPINE VIOLET

The seed we offer is raised for us by one of Germany's best growers and is the best money can buy.

PEARL OF ZEHLENDORF—Dark salmon pink. **ROSE OF ZEHLENDORF**—Light salmon pink. **GLORY OF WANDS**.

BECK—Dark clear salmon. Price: 10 seeds 20c; 50 seeds 75c; 100 seeds \$1.45; 200 seeds \$2.80; 300 seeds \$4.05; 400 seeds \$5.20; 500 seeds or over at the rate of \$12.00 per 1000.

ROCOCO—Also called Butterfly. Flowers large, fringed, but a shy bloomer. Prices same as for varieties named above.

VULCAN—Glowing dark red. **BRIGHT ROSE**—Deep Murillo pink. **ROSE OF MARIENTHAL**—Lavender pink with red eye.

PURE WHITE—PURE WHITE WITH RED EYE—**LILAC BLUE**—Price: 10 seeds 15c; 50 seeds 60c; 100 seeds \$1.05; 200 seeds \$2.00; 300 seeds \$2.85; 400 seeds \$3.60; 500 seeds or over at the rate of \$8.00 per 1000.

CYCLAMEN FINE MIXED—This mixture includes all colors, the seed is fresh and although low in price its quality is very close to the very best. 10 seeds 10c; 50 seeds 35c; 100 seeds 65c; 200 seeds \$1.20; 300 seeds \$1.65; 400 seeds \$2.00; 500 seeds or over at the rate of \$4.00 per 1000.

CYCLAMEN SPECIAL MIXTURE

Includes every variety listed as well as new varieties all of Giant Flowering class. 10 seeds 20c; 50 seeds 70c; 100 seeds \$1.20; 1000 seeds \$8.00.

DICTAMNUS—GAS PLANT

One of the choicest and most valuable of perennials. The flower of Dictamus resembles an immense Dutch Hyacinth. Blooms in May, when lovers of flowers are hunting new and out of the ordinary plants for their gardens. To sell the plants of Dictamnus is easy, just show the blooming plant to your prospect and the plant is sold.

Dictamnus is valuable because beautiful, in bloom early and because it never winter-kills. The average life of Dictamnus is 100 years. Plant growers object saying, the seed will not grow. Our seed will, if you will sow it during October and November and cover the seed half inch thick. Both the red as well as the white. Dictamnus are high class flowers. T. pkt. 10c; oz. 80c.

DELPHINIUM WREXHAM

Known also under the name of Hollyhock Delphinium. Wrexham strain grows 5 to 8 feet tall, the spikes have 36 to 40 inches of flowers, hence the name Hollyhock Delphinium. The colors are shades of blue and violet with white, purple and black-blue center petals. Both double and single. Perfectly hardy. T. pkt. 20c; 1/8 oz. 45c; oz. \$3.00.

DELPHINIUM BELLADONNA

Our collection of Belladonna Hybrids contains for the most part pale blue shades and a smaller percentage of the various intervening deep blue shades with a percentage of doubles. Fresh seed just harvested. Per T. pkt. 10c; 1/8 oz. 25c; oz. \$1.50; lb. \$20.00.

FORMOSUM (Bellamosum). Most beautiful deep blue. Height 3 feet. T. pkt. 10c; 1/8 oz. 25c; oz. \$1.80; lb. \$22.00.

DELPHINIUM BELLADONNA LIGHT BLUE—T. pkt. 10c; 1-8 oz. 30c; oz. \$2.00; lb. \$24.00.

GOLD MEDAL HYBRIDS—Very choice, originally saved from very best named varieties. Blooms on stalks 2 feet long or better, mostly of light blue. T. pkt. 10c; 1-8 oz. 20c; 1 oz. \$1.40; 1 lb. \$18.00.

DELPHINIUM CHINESE BLUE—Of brighter color and more satisfactory than most other Delphiniums. Will furnish a wealth of extra fine flowers for bouquets throughout the summer. Height 3 feet. **BLUE—WHITE—MIXED.** Any color: T. pkt. 10c; 1/8 oz. 15c; oz. 60c; lb. \$6.00.

DIGITALIS—FOX GLOVE

Fine hardy perennials, 3 to 4 feet tall, bearing large, gorgeously colored, bell shaped flowers on stout and straight stalks. It will bloom the first year if sown early and will prove perfectly hardy if planted in soil with perfect drainage and covered lightly during winter. Easily raised from seed. Water only when it is really needed when the soil is half dry. The plants should stand 9 inches apart.

PURPUREA MONTSTROSA—Very large of many colors, tigred and penciled. T. pkt. 10c; oz. 45c; lb. \$4.80.

PURPUREA—T. pkt. 5c; oz. 20c; lb. \$2.00.

GLOXINIAEFLORA PINK—Very large bell shaped flowers rivaling those of gloxinia. T. pkt. 10c; oz. 45c; lb. \$5.40.

GLOXINIAEFLORA WHITE—T. pkt. 10c; oz. 45c; lb. \$5.40.

GLOXINIAEFLORA MIXED—T. pkt. 10c; oz. 45c; lb. \$5.40.

DIGITALIS SPECIAL MIXTURE—Contains all of the choicest varieties with large flowers, self colored as well as tigred, mottled and penciled and is the best mixture in existence. T. pkt. 10c; 1-8 oz. 15c; oz. 80c; lb. \$7.00.

FOXGLOVE GIANT SHIRLEY

This new strain of Digitalis, produces flowers of great size, in an endless variety of colors. Beautifully spotted, blotched, self colored, in unique shades of maroon, bronze, cream and others. Of most vigorous growth, the plants attain a height of 6 to 7 feet. T. pkt. 10c; oz. 80c.

DIANTHUS ALLWOODI

The seed we offer produces 60 to 75 per cent of large, double, clove scented flowers in many colors on stalk 15 inches high, from spring till autumn. Perfectly hardy. T. pkt. 20c.



Pinks—Special Mixture

HARDY PERENNIAL PINKS

SPECIAL MIXTURE—This mixture comprises all the best varieties of pinks, both double and single, annual and perennial. 1-8 oz. 15c; 1 oz. 80c; T. pkt. 10c.

DIANTHUS BARBATUS—See Sweet William.

GRASS OR SPICE PINKS—The flowers are large, very double and borne profusely on short stiff stems. Highly fragrant. 1-8 oz. 15c; oz. 80c; lb. \$12.00; T. pkt. 10c.

CYCLOP PINKS—Colors of exquisite beauty, enlivened by a eye of velvety blood red. Has a sweet clove-like perfume. Single. Oz. 60c; lb. \$7.00; T. pkt. 10c.

PLUMARIUS SINGLE—Pheasant-eye Pink. Fragrant large flowers in many colors. T. pkt. 5c; oz. 40c; lb. \$3.20.

LATIFOLIUS ATROCOCINEUS—Hardy double hybrid carnation of deepest red. First class cut flower as well as fine pot plant. T. pkt. 10c; 1/8 oz. 15c; oz. 80c; lb. \$6.00.

DELTOIDES BRILLIANT—A splendid perennial, forming tufts only 6 inches high covered with a sheet of gorgeous brilliant crimson bloom. Invaluable as a rock plant for borders and pots. In bloom from early spring till late summer. T. pkt. 15c; 1-8 oz. 25c; oz. \$1.60.

DORONICUM CAUCASICUM

Hardy perennial, bearing fine yellow flowers almost three inches across, fine for cutting. Requires rich soil and half shaded position Very floriferous. Height 2 feet. 15 seeds, 10c.

DRACANEA INDIVISA

For window boxes, hanging baskets or as a pot plant. An ornamental leaved plant with long, narrow, green foliage. Easily raised from seed. Lb. \$3.20; oz. 30c; T. pkt. 10c.

DRACANEA AUSTRALIS—Broad leaved variety, popular with many growers. Seed in berries, which must be rubbed out before sowing. T. pkt. 10c; oz. 40c; lb. \$3.80.

DRACANEA MAZELLI—Similar to Indivisa. The foliage has a metallic lustre, each leaf marked with red. Magnificent. 100 seeds 40c; 500 seeds \$1.25.

ECHINOPS RITRO—GLOBE THISTLE

A rank growing hardy perennial, valuable for producing subtropical effects in the garden and furnishing flowers of bright metallic blue in large globular heads very striking and highly valuable for winter bouquets. Handsome foliage, deep green above, silvery beneath, in bloom from July to September. Height 3 ft. T. pkt. 10c, oz. 40c.

ERYNGIUM AMETHYSTINUM

Useful for winter bouquets. The plants grow about 30 inches high and bear lilac blue, odd looking flowers. Hardy and easy to raise. T. pkt. 10c; 1-8 oz. 30c; oz. \$2.00.

ERIGERON COULTERI

A choice, hardy perennial with tufted foliage, that will thrive under gross neglect and furnish quantities of excellent cutting material early in the spring. Flowers daisy like single, white. Will bloom first year if started early. Height 20 in. T. pkt. 15c; 1/8 oz. 40c; oz. \$3.00.

GAILLARDIA—BLANKET FLOWER

Both the annual as well as as perennial varieties are first class flowers and they produce a most gorgeous effect in beds or borders. They bloom all summer till frost. Height 2 feet.

PERENNIAL VARIETIES

GAILLARDIA GRFL. NEW HYBRIDS—These hybrids embrace varieties with flowers of mammoth proportions both single and semi-double. The colors are pure yellow, brilliant crimson, crimson edged white, blood red bordered yellow, brownish crimson, etc. All these are absolutely hardy of easiest culture, doing well and producing quantities of large splendid colored blooms in any kind of soil, from June till frost. First class cut flowers lasting in water a week or more. T. pkt. 10c; 1-8 oz. 15c; oz. 80c; lb. \$9.00.

GAILLARDIA PORTOLA—Of upright growth, bearing on long straight stems, large flowers with very small yellow centers, outlined with bronze-red. The petals are vivid scarlet, marked at the tips with a most attractive shade of deep yellow, in a clearly defined circle. A first class flower. T. pkt. 10c; 1/2 oz. 15c; oz. 80c; lb. \$9.00

GEUM COCCINEUM

MRS. BRADSHAW—Hardy, perennial easily raised from seed. Blooms profusely from June till frost. Blooms resemble carnations; are large, half double, fiery scarlet. Height 24 inches. Do not hesitate to grow this flower; it is well worth while. T. pkt. 20c; 1-8 oz. 35c; oz. \$2.20.

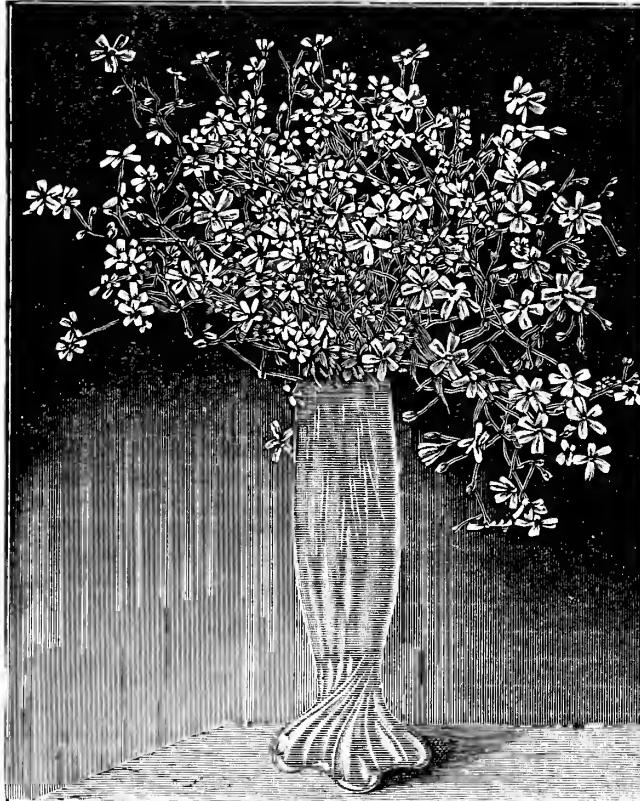
GEUM LADY STRATHEDEN—Flowers rich golden yellow, very large and full, fine for cutting. Height 2 ft. T. pkt. 15c; 1-16 oz. 35c; 1-8 oz. 60c; oz. \$4.00.

GYPSOPHYLA—BABY'S BREATH

The Paniculata section are perennials, the Elegans are annual. Sow the annual varieties several times during summer to keep up a supply. Of same usefulness as Gypsophyla are also these flowers: Asperula Odorata, Saponaria Vaccaria, Statice Latifolia and Trachelium.

PANICULATA—Delicate free flowering little plants, covered with a profusion of star shaped blossoms. Well adapted for hanging baskets and for mixing with other cut flowers. T. pkt. 5c; oz. 45c; lb. \$4.80.

PANICULATA fl. pl.—Double. T. pkt. 15c; 1/2 oz. 45c; oz. \$6.00.



Gypsophyla Elegans Grandiflora

GYPSOPHYLA ELEGANS MAXIMA

Covent Garden Market Strain. This is an improved, pure white form of the annual Baby's Breath. Way superior to the old type, flowers extra large. T. pkt. 5c; oz. 15c; lb. \$1.20; 5 lbs. \$5.00; 10 lbs. \$9.00, prepaid.

ELEGANS CARMINEA—Annual. Rich rose pink, fine for cutting. T. pkt. 5c; oz. 15c; lb. \$1.80.

ELEGANS DELICATE PINK—Annual. T. pkt. 5c; oz. 15c; lb. \$1.80.

GLADIOLI PRAECOX

Annual variety, producing from seed, high class bloom in four months from date of sowing. Flowers large, wide open of first quality, in many rich colors. T. pkt. 50c.

GLOXINIA

Sow the seed in November or December, prick the seedling into flats later pot singly. Use rich soil mixed with about one-third of sharp sand. During the summer keep the plants partly shaded and never water over the foliage. Gloxinias are easily raised and their large bell shaped brilliantly colored flowers are of astonishing beauty. The seed we offer contains the choicest strains of the gigantea and the new varieties with erect flowers. Special Mixture. T. pkt. 25c; 1-64 oz. \$1.75.

GLOXINIA REGINA HYBRIDA—(Sinningia). IMPERIAL GLOXINIA—Splendid robust growing, dark leaved hybrids, mostly erect flowered. T. pkt. 25c; 1-64 oz. \$1.75.

HELENIUM HOOPESI

A very striking hardy perennial 2 to 3 feet high, bearing quantities of bright orange daisy-like flowers about three inches across in May and June. Splendid for bouquets. T. pkt. 10c; oz. \$1.20.

HELENIUM RIVERTON GEM—In bloom from August to October. Flowers wallflower red, very showy. T. pkt. 10c; 1/2 oz. 15c; oz. \$1.00.

HEDYSARUM CORONARIUM

French Honeysuckle—Flowers bright red, fragrant in long racemes suitable for cutting. Hardy with slight protection. Height 2-3 feet. T. pkt. 10c; oz. 45c; lb. \$4.00.

HESPERIS NANA CANDIDISSIMA

True variety. Very compact, snow white free flowering hardy perennial growing 2 feet high, fine for cutting. Double. T. pkt. 10c; oz. 80c; lb. \$8.50.

HESPERIS MATRONALIS—Dame's Rocket. Evening Scented Stock. A vigorous, perfectly hardy perennial 2-3 ft. tall, bearing in abundance large flat heads of single stock-like flowers strongly and most pleasantly perfumed from May to August. Does well in partial shade or full sunlight, an elegant cut flower and a plant that will sell at sight. It's a beauty in every respect. PURPLE, WHITE, MIXED, Any color: T. pkt. 10c; oz. 45c; lb. \$4.00.

HESPERIS NIVEA—An especially choice perennial 18 in. tall, flowers white, double, fragrant and as cut flower extremely desirable. Blooms in May. T. pkt. 20c; 1/2 oz. 80c.

HIBISCUS—MALLOW MARVELS

Produces immense flowers with a large crimson eye, measuring 7 inches across, and a plant has as many as fifty of them. It blooms from seed the first year. Height 4 to 6 feet. T. pkt. 10c; oz. 60c; lb. \$6.00.

HIBISCUS ROSE SINENSIS—Chinese Rose. Forms neat bushes 3 to 5 feet tall, bearing very large richly colored flowers, mostly in shades of red and orange and never fails to attract attention. Needs protection over winter in the North. 10 seeds 10c; 100 seeds 80c.

HOLLYHOCK

One of our grandest summer and autumn flowering plants. Seed sown any time before midsummer will produce fine plants for flowering next year. Height 6 to 8 feet.

DOUBLE WHITE, DOUBLE BLACK, DOUBLE PINK, DOUBLE BRIGHT RED, DOUBLE YELLOW, DOUBLE MAROON, DOUBLE MIXED.

Any of the above: T. pkt. 10c; 1-8 oz. 15c; oz. \$1.00; lb. \$12.00. EVERBLOOMING ANNUAL HOLLYHOCKS—These Hollyhocks, unlike the old sorts, bloom the first season. Seed sown in March will begin to bloom early in summer. Choice mixture of colors. T. pkt. 10c; oz. 45c; lb. \$4.20.

MAMMOTH FRINGED HOLLYHOCKS—(Allegheny). The flowers are from 4 to 6 inches across, single and semi-double, finely fringed and curled. The colors are white, shell pink, ruby red, crimson, maroon, etc. They bloom from June till frost if sown early. MIXED—T. pkt. 10c; oz. 60c; lb. \$6.00

HEUCHERA SANGUINEA—CORAL BELLS

This is one of the finest hardy perennials with red flowers, excellent for bouquets, blooming from early spring till frost. Does well in full sunlight as well as when partially shaded. The color is a vivid shade of coral red, perfectly charming. Height 2 feet. T. pkt. 25c; 1/2 oz. 95c; oz. \$7.00.

HELIANTHUS RIGIDUS—This is one of the best perennial Sunflowers, with large sometimes semi-double yellow flowers with black centers. Height 3-4 ft. T. pkt. 10c; oz. \$2.00.

INULA

Hardy perennial plants of easiest culture, bearing fine flowers in various shades of yellow from June till frost.

INULA BOYLEANA—Splendid flowers deep orange yellow. Height 2 ft. T. pkt. 15c; 1/2 oz. 40c; 1/2 oz. 75c; oz. \$5.40.

IRIS KAEMPFERI—Japanese Iris mixed. T. pkt. 10c; oz. 60c; lb. \$5.00.

INULA GRANDIFLORA

Gold Marguerite—The plants grow 3 ft. high and bear early in June quantities of golden yellow flowers 5 inches across. Splendid for cutting. T. pkt. 20c; 1-16 oz. 45c; 1-8 oz. 80c; 1 oz. \$6.00.

ISATIS GLAUCA

Perfectly hardy perennial 2 ft. high, producing in June quantities of flowers in panicles, of bright yellow color, useful in arrangement with other flowers. T. pkt. 10c; oz. 45c.

LATHYRUS LATIFOLIUS—Everlasting Pea

FINEST MIXED—1 oz. 40c; T. pkt. 5c; lb. \$6.00.

LATHYRUS PINK BEAUTY—Flowers pale pink. T. pkt. 10c; 1-8 oz. 15c; oz. 80c; lb. \$8.00.

LATHYRUS WHITE PEARL—Pure white. T. pkt. 10c; 1-8 oz. 20c; oz. \$1.20; lb. \$10.00.

LATHYRUS RED—T. pkt. 10c; oz. 60c; lb. \$8.00.

LAVANDULA—LAVENDER

Planted for its very pleasant odor and sometimes employed also in flower work. Thrives in poor soil and in rather dry situation. Requires winter protection in the North.

LAVANDULA SPICA—False Lavender. T. pkt. 5c; oz. 25c; lb. \$1.50.

LAVANDULA VERA—True Lavender. T. pkt. 10c; oz. 45c; lb. \$4.00.

LIATRIS PYCNOTACHYA

Kansas Gay Feather or Blazing Star. A hardy perennial, growing 6 ft. high, an old clump producing up to a dozen purple flowers in narrow spikes foot or longer. Blooms in July and August, lasts long after cut and is quite popular in some flower markets, Chicago especially. T. pkt. 10c; 1/2 oz. 15c; oz. \$1.00; lb. \$8.00.

LIATRIS SCARIOSA—Robust growing, handsome variety with dense spikes of purple flowers foot long on stalks 3 feet tall. Excellent for dry bouquets. T. pkt. 10c; 1/2 oz. 15c; oz. \$1.00; lb. \$8.00.

LILIU WASHINGTONIANUM—A fine lily that is easily raised from seed. Flowers white, tinged with pink or red and dotted with purple. Fragrant. Hardy. Beautiful. Height 4 ft. T. pkt. 20c; 1/2 oz. 80c; 1 oz. \$6.00.

LILIU REGALE—T. pkt. 15c; oz. 80c; lb. \$12.00.

LILIU AURATUM—T. pkt. 15c; oz. \$2.00; lb. \$24.00.

LILIU LONGIFLORUM EARLY QUEEN—Like Longiflorum but earlier, blooming in 6-7 months after sowing. T. pkt. \$1.00.

LINARIA

LINARIA CYMBALARIA—Kenilworth Ivy. Hardy perennial trailing plant, excellent for hanging baskets, window boxes, pots and rock work. Flowers lavender and purple. Will stand good deal of shade. T. pkt. 10c; 1-16 oz. 20c; oz. \$2.00.

LINARIA MACEDONIA—Robust perennial, bearing long spikes of beautiful lemon yellow snapdragon-like flowers, excellent for cutting. Of easiest culture, blooming first year from seed and doing well without hardly any care in almost any kind of soil and exposure. Height, 3 feet. T. pkt. 10c; 1/2 oz. 30c; oz. \$2.00.

LINUM—FLAX

PERENNIE—Perennial, erect growing, bearing on numerous branches bright blue dainty flowers. Blooms first year from seed. T. pkt. 5c; oz. 25c; lb. \$2.40.

RUBRUM GRFL—Large Flowered Scarlet Flax. A neat annual plant with brilliant scarlet flowers and dainty foliage. Height 15 in. T. pkt. 5c; oz. 20c; lb. \$2.40.

LUPINUS POL. DARK BLUE, LUPINUS POL. WHITE—Both colors: T. pkt. 10c; oz. 45c; lb. \$4.00.

SMILING BEAUTY—Of most lovely, lustrous pink color. A robust grower. Height 3 ft. T. pkt. 20c; 1-8 oz. 45c; 1 oz. \$3.00.

MAUVE BEAUTY—Soft lavender shaded with deep rose, a most charming color. T. pkt. 15c; 1-8 oz. 25c; oz. \$2.00.

LUPINUS POL. ROSEUS—A fine variety with sweetly scented light and dark rose flowers on long spikes. Height 4 feet. 1-8 oz. 15c; oz. 80c; lb. \$10.00; T. pkt. 10c.

LUPINUS POL. NEW HYBRIDS—These embrace many different colors, are perfectly hardy and grow to the height of 3 to 4 feet. T. pkt. 10c; oz. 60c; lb. \$6.00.

MYOSOTIS—BLUE PEARL

The bushes grow 8 inches tall, are compact, perfectly globular and in bloom from 8 to 10 weeks after sowing. The flowers are medium to large in size, sky-blue in color. An old florist says: "I am acquainted with all the myosotis varieties offered in the last 30 years. Blue Pearl is the only one that I care to raise." T. pkt. 15c; 1/2 oz. 40c; oz. \$3.00.

LYCHNIS

Blooms from July to September and is a splendid showy plant for dry soils and sunny position. Grows readily from seed and should be sown outdoors in April or May. Plant 9 inches apart.

LYCHNIS CHALCEDONICA—(Barning Star). Grows 2 feet high, producing flowers of the most imaginable beauty. Hardy perennial. T. pkt. 10c; oz. 60c; lb. \$6.00.

LYCHNIS HAAGEANA HYBRIDA—Finest of the Lychnis family. Colors varied. Height 1 foot. Mixed. T. pkt. 10c; 1-8 oz. 25c; oz. \$1.60.

LYCHNIS VISCARIA SPLENDENS—Fine hardy border plant, producing in profusion double brilliant red flowers in June and July. Height, 1 foot. T. pkt. 10c; oz. 80c; lb. \$8.00.

LYCHNIS ARKWRIGHTII—New. Produces an abundance of large brilliantly colored flowers during summer in scarlet and pink shades. Hardy perennial, height 30 inches. T. pkt. 10c; 1/2 oz. 45c; oz. \$3.00.

LUNARIA BIENNIS

KERMESINA—Of all Lunarias this is the most showy. The seed pods which are round and transparent showing the seeds inside and the size of a 25-cent piece, are used in bouquets like dried statice. They are very ornamental. Sow the seed in August and September, give protection over winter and your plants will bloom and bear pods in great abundance. T. pkt. 10c; oz. 60c; lb. \$6.00.

LYTHRUM ROSEUM SUPERBUM

LYTHRUM SUPERBUM—(Rose loose-strife). Hardy perennial good for massing, flowers rosy lilac produced on long slender spikes. Height 3 feet. Space 2 feet apart. T. pkt. 10c; oz. 60c; lb. \$6.00.

MYOSOTIS PINK BEAUTY

Of upright growth, flowers bright rosy-pink. Pink being an unusual color in Forget-Me-Nots and the fact that Pink Beauty is in bloom during May and June should make Pink Beauty Myosotis a readily salable plant. T. pkt. 10c; 1/2 oz. 15c; oz. 80c.

MYOSOTIS VICTORIA—A popular sort, with fine heads of large, clear azure-blue flowers. Plants bushy and compact. Fine for edging of beds. T. pkt. 10c; 1-8 oz. 25c; 1 oz. \$1.60.

MYOSOTIS DISSITIFLORA—One of the best of all myosotis. Of compact habit with mossy dark green foliage, about which are carried on sturdy stems large clusters of fine azure-blue flowers. Perfectly hardy, valuable for spring bedding, fine for pot plants as it forces easily. T. pkt. 15c; 1-8 oz. 60c; 1 oz. \$4.00.

PALUSTRIS SEMPERFLORENS—Everblooming swamp forget-me-not. Blooms all summer. A very good variety. T. pkt. 15c; 1-8 oz. 50c; oz. \$3.00.

RUTH FISHER—The plants are of compact habit with glossy dark green foliage, the sturdy flower stems bearing large clusters of immensely lovely blue flowers 1/2 inch across. This Forget-Me-Not took first prize wherever exhibited.

Since the introduction of Ruth Fisher many new dwarf sorts were introduced, yet Ruth Fisher remains to be the largest and longest blooming and the most valuable bright blue Forget-Me-Not either for pots, edgings or the rock garden. T. pkt. 20c; 1-16 oz. 80c; 1-8 oz. \$1.50.

ROYAL BLUE—Grows a foot high and bears flowers in long sprays of the deepest blue. Fine for cutting. T. pkt. 10c; 1/2 oz. 15c; oz. 80c.

MIXED FORGET-ME-NOT—T. pkt. 5c; oz. 40c; lb. \$5.75.

MYRTLE-MYRTUS COMMUNIS

A handsome shrub growing from 3 to 10 feet high, with elegant white flowers. Both the flowers as well as the leaves are strongly scented. Easily raised from seed. Treat like you do Geranium. T. pkt. 10c; oz. 60c.

MOONFLOWER—See Ipomea Noctiflora.

MORNING GLORY—See Ipomea Purpurea.

SENSATIONS—THRILLS—MORE SENSATIONS—SOMETHING NEW, NEVER BEFORE SEEN

is what the public wants and willing to pay those that have the goods.

The grower that has good new flowers, does not complain of poor business. He placed himself beyond competition. Being the only one in his territory, having new and superior plants and flowers, he is kept busy and often could sell more of the new if he had a supply.

The progressive grower also gains in another way. His customers advertise him, they talk about the beautiful new flowers he sold them which means: more customers, more business.

MAHOGANY CLOVER—(Shamrock?)

What we offer as shamrock is a plant identical with white clover but our plants have dark brown foliage with a sprinkling of scarlet. We have a bed of it in our city garden, where visitors come to see our flowers and there was not one that did not buy this clover. The foliage is so odd, beautiful and striking that everybody that sees it simply must have it. Start a bed on your premises and there will be no end to inquiries about the odd looking clover and no end to sales. T. ptk. 15c; $\frac{1}{2}$ oz. 40c.

PARDANTHUS SINENSIS

Easily raised hardy plant, growing thirty inches high and bearing star shaped tigred and marbled red flowers. Does well in any soil exposed to the sun and never winterkills. Makes a fair cut flower, blooming in June and July. T. ptk. 10c; oz. 60c; lb. \$5.00.

PHYSALIS—Chinese Lantern Plant

A most striking and showy hardy perennial with yellow flowers producing balloon like husks with a berry inside of very brilliant orange red. The husks turn red when ripe and resemble Chinese paper lanterns. The dried branches make good material for winter bouquets. Sow in April and May; space the plants a foot apart. Height 18 inches. T. ptk. 10c; oz. 60c; lb. \$8.00.

OENOTHERA—Evening Primrose

Easily raised from seed, doing well in most any soil, enjoying sunshine. The variety listed below is one of the best out of the whole family.

FRUTICOSA MAJOR—Hardy perennial with large, showy yellow flowers nearly 2 inches across, borne on strong, stiff stems. Height 1 to 3 feet, depending on the richness of the soil. T. ptk. 10c; oz. 60c; lb. \$5.20.

PENTSTEMON

A perennial treated as an annual, from seed sown in March produces flowers from July till frost. Should be planted in groups of 10 to 15 plants for the most brilliant effect. In our climate it cannot be wintered outside; the plants should be lifted with a ball of earth and stored in a frost proof cellar. Do not hesitate to plant Pentstemon; it is easily raised and the new hybrids are so beautiful that they will be the wonder of the whole neighborhood. In rich soil will grow three feet or more. Plant 9 inches apart.

PENTSTEMON SENSATION—New large flowering with gloxinia-like flowers that are 2 inches across, borne on long stems. The colors are white, pink, rose and crimson to mauve and purple, including many which are beautifully edged with a fine contrasting color. T. ptk. 10c; $\frac{1}{2}$ oz. 30c; oz. \$2.20.

PHYSOSTEGIA

VIRGINICA—A hardy perennial 3 feet high, bearing spikes of delicate pink flowers. T. ptk. 10c; 1 oz. 60c.

PHYSOSTEGIA VIRGINICA GIGANTHEA—Height 6 feet. Bears extra large flowers on long stems, deep crimson rose. An excellent cut flower. T. ptk. 15c; oz. \$1.00.

PHYSOSTEGIA VA. GRFL. ALBA.—White. Large flowered—T. ptk. 10c; oz. \$1.00.

DOUBLE ORIENTAL POPPY

New. The finest, largest and the most vigorously growing Oriental Poppy there is. The blooms are huge, semi-double, flaming crimson, without spots, of sensational, barbaric beauty. It bloom several days earlier than in the case with other Orientals. The plant stools heavily, furnishing an abundant supply of new plants that we assure you, you will be able to sell at fancy prices. T. ptk. 50c.

ICELAND POPPIES—Papaver Nudicaule

These produce myriads of brilliant flowers, delicately perfumed on stalks, foot high, from early in May till frost if not allowed to seed. There is a certain class to these flowers and a strong appeal that makes them ready sellers and there is no flower that is more profitable to grow. In European markets millions of blooms are being sold every season and the wonder is that they are not being grown more liberally by the florists in this country. Fall is the best time to plant them, but they will bloom the same year if planted early in March. For shipping they should be cut in bud stage. Absolutely hardy. Height 15 inches. Perennial. Should be spaced 5 inches apart and exposed to full sunlight.

ICELAND POPPY YELLOW—Single, very fine. T. ptk. 10c; 1-8 oz. 15c; oz. \$1.00; 1 lb. \$11.00.

ICELAND POPPY SCARLET—Orange, scarlet blooms; very fine. T. ptk. 10c; 1-8 oz. 15c; oz. \$1.00; lb. \$11.00.

ICELAND POPPIES SINGLE MIXED—T. ptk. 10c; 1-8 oz. 15c; oz. \$1.00; lb. \$11.00.

ICELAND POPPIES DOUBLE MIXED—Besides white, yellow and scarlet the colors are straw, cream and deep orange shades. T. ptk. 15c; 1-8 oz. 45c; oz. \$1.50; lb. \$17.00.

ICELAND POPPY SUNREAM—New improved Iceland Poppies with flowers of gigantic size in all colors, borne on long stiff stems. Single. Height 18 inches. T. ptk. 20c; 1-8 oz. 30c; oz. \$2.00.

GIANT TANGERINE—Flowers very large, of a most fascinating orange-scarlet color. T. ptk. 10c; $\frac{1}{2}$ oz. 35c; oz. \$2.00.

GIANT ORIENTAL POPPY

	T. Pkt.	$\frac{1}{2}$ oz.	1 oz.
DARK RED	\$0.10	\$0.15	\$0.80
ROYAL SCARLET. Very large.....	10	.20	1.20
PRINCESS—Salmon rose	10	.50	3.40
MISS PERRY—Light salmon, beautiful.....	15	.50	3.60
ORIENTAL MIXED	10	.15	8.00

ORIENTAL POPPY—ROYAL SCARLET

The dazzling scarlet flowers are 8 inches across. Planted in a mass they will bloom for a month; individual flowers last for 10 days and cut for 5 days without fading. T. ptk. 10c; $\frac{1}{2}$ oz. 20c; oz. \$1.20.

PERILA NANKINENSIS

PERILA is grown for its blood red leaves which are sometimes striped with green. It grows 18 inches high and makes an inexpensive and neat border for tall canna beds. If another border of dusty miller on the outside is grown, the effect is striking. Sow thinly, covering the seed nearly an inch deep and plant a foot apart. If planted closer than that the stems become crooked. T. ptk. 5c; oz. 20c; 1 lb. \$2.00.

NANKINENSIS CRISPA—Fine variety, with deeply cut and crisped foliage. Very ornamental. The leaves exhale a delicious perfume. Of same usefulness as the above. T. ptk. 5c; oz. 25c; lb. \$2.25.

PLATYCODON—Chinese Bell Flower

A campanula-like flower of uncommon beauty, blooming during June and July, perfectly hardy if planted deep, the crown covered with 2-3 inches of soil. Most valuable cut flower, splendid in wreaths and sprays. If your business is to sell hardy plants have plenty of platycodon. See to it that visitors and passers-by will see your plants—you will sell no end of them. If sown in February will bloom the same year in July. Try platycodon, you will find that it is a magnificent plant from every viewpoint and you will not lose a single plant over winter if you will plant deep.

GRANDIFLORUM—Flowers cupped, star shaped, large, showy and graceful, with good keeping qualities. The seed we offer produces quite a percentage of semi-double flowers. **BLUE—WHITE**—**MIXED**. Any color: T. ptk. 15c; 1-8 oz. 25c; oz. \$1.80.

PLATYCODON MARIESI. Of dwarf and compact habit with very large open bell-shaped flowers. Height 1 ft.

MARIESI BLUE—WHITE—MIXED. Any color: T. ptk. 10c; 1-8 oz. 20c; oz. 1.40.

PILEA CALLITRICHODIES.—Artillery plant. Easily grown greenhouse plant with gracefully curved fronds of small shining leaves much prized. When the staminate flowers open, the pollen is discharged forcibly and visibly hence the name artillery plant. Height 6 inches. 25 seeds 20c; 100 seeds 60c.

PANSY ROGLI'S GIANTS

A new and very superior mixture of Pansies, extra large in size of flowers, containing some new and very rich colors. Undoubtedly high class—better than the old standard strains and varieties, our American Pansy Mixture excepted. While Rogli's Pansy is "some" Pansy, it cannot compare with our America. T. ptk. 40c; $\frac{1}{2}$ oz. \$1.50; oz. \$10.00.

PANSY—DE GIORGI'S EUROPE'S BEST

This mixture represents the cream of Europe's most noted Pansy breeder. The flowers are perfectly shaped and well rounded, borne on strong stiff stems, the petals thick and velvety, a large percentage of flowers have petals fluted or semi-double at the edges, the plants are robust and healthy, of neat compact growth blooming most profusely, in every imaginable color. While every solid color is represented there are also all possible shades of each one, five spotted on background of every color, edged or bordered flowers of various colors, striped marbled, gold-veined, etc.

For years this was the best pansy seed we had. It is the finest Europe's best pansy grower has so far produced and there is no question as to its high quality. Since the arrival of our America Pansy seed mixture we must change the name from DE GIORGI'S BEST AND LARGEST TO DE GIORGI'S EUROPE'S BEST. $\frac{1}{2}$ oz. \$6.00; T. ptk. 20c.

PANSY MASTODON

Well known standard mixture producing large blooms in great many colors and shadings. Our seed is Oregon grown with strong germination. T. ptk. 20c; $\frac{1}{2}$ oz. 70c; oz. \$5.00.

PANSY LORD BEACONSFIELD

Extra large flowers blue with white blotches at the ends of petals. A bed or edging of Lord Beaconsfield pansy is a sight not easily forgotten. T. ptk. 10c; $\frac{1}{2}$ oz. 60c; oz. \$4.00.

BUNNOT GIANT MIXTURE—Extremely large flowers, broad blotches and from the large spots extend delicate penciling to extreme edges of petals. $\frac{1}{2}$ oz. 80c; oz. \$5.00; T. ptk. 20c.

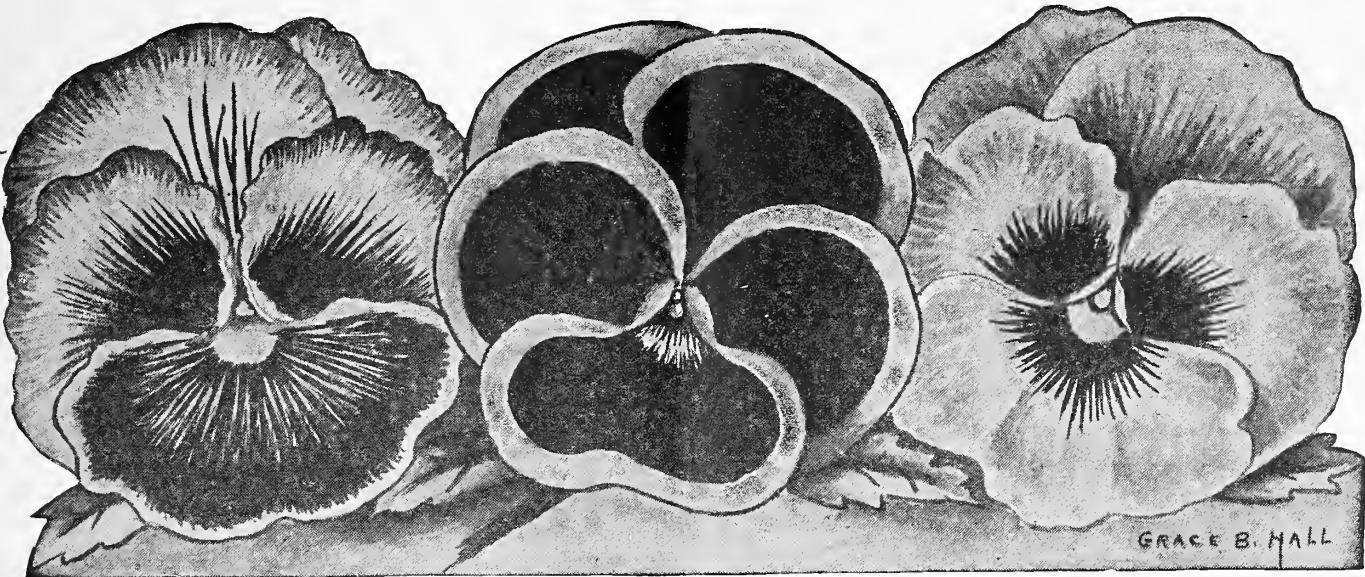
MASTERPIECE—Large flowers, the border of every petal being conspicuously curled and fluted. The plants are very free-flowering, and the numerous blossoms comprise many new tints and colors.

T. ptk. 20c; oz. \$5.00.

TRIMARDEAU MIXED—Includes all known colors in Pansies, blooms not as large as those produced from higher priced mixtures, yet of quite good quality, price considered. T. ptk. 5c; $\frac{1}{2}$ oz. 15c; oz. 80c; lb. \$8.00.

ODIER FIVE BLOTTCHED—The petals are light colored, the blotches of dark color, the flowers large and beautiful. T. ptk. 10c; $\frac{1}{2}$ oz. 60c; oz. \$4.00.

EROS GOLD EDGED—Magnificent strain. Deep velvety brown with broad gold margin. T. ptk. 10c; $\frac{1}{2}$ oz. 60c; oz. \$4.00.



PANSY AMERICA

POSITIVELY THE BEST IN EXISTENCE
ENORMOUS IN SIZE
BRILLIANT AND UNUSUAL NEW COLORS

Trumps—all trumps which are never beat. The most gorgeous and largest blooms in all the colors of the rainbow with color variations that the average pansy grower has never seen. Absolutely in a class by themselves.

For years we strived, we worked hard and finally succeeded after a heavy outlay of money and long years of patient waiting. Now we are able to offer you seed, producing plants with blooms immense in size and of the richest colors imaginable, that simply dazzle the onlooker and that you will sell at almost double the price common pansies sell for and sell them as fast as you reach the market even at times when other pansies go begging. Our America Pansy mixture is so superior and so absolutely unbeatable that we are making you the following unheard of offer:

WE WILL GIVE YOU SEED FREE
MONEY BACK IF NOT FULLY SATISFIED

If you should be disappointed or not fully satisfied with this nature's most wonderful gift to mankind, we ask but one favor. Drop us a postal card and tell us that the seed did not come up to your expectations and we will immediately mail you a check in full for your entire purchase of America Pansy seed. We will also do this: Upon request we will send you a trade packet of this pansy seed containing 450 to 500 seeds worth 50 cents. You plant the seed first for a trial and if you will find that the seed does produce blooms VERY MUCH SUPERIOR to what you used to raise you send us the 50 cents—otherwise you need not send a cent. T. pkt. 50c; $\frac{1}{8}$ oz. \$2.00; oz. \$14.00.

PANSY BRONZE BEAUTY—Flowers very large, ruffled, color bronze, with deeper spots and rays. T. pkt. 10c; $\frac{1}{8}$ oz. 60c; 1 oz. \$4.00; lb. \$50.00.

PANSY LULU PERRET—Large flowers color mahogany shaded with yellow with dark centers. Beautiful shade. T. pkt. 10c; 1-8 oz. 60c; 1 oz. \$4.00; lb. \$50.00.

GIANT GOLDEN QUEEN—Pure rich yellow. 1-8 oz. 40c; 1 oz. \$3.00; T. pkt. 10c; lb. \$32.00.

MME. PERRET—Edge of petals are frilled. The colors are dark vine, pink and red, beautifully veined and all with a white margin. Extra large flowers, very showy. 1-8 oz. 40c; 1 oz. \$3.00; T. pkt. 10c; lb. \$32.00.

SNOW QUEEN—Satiny white. T. pkt. 10c; $\frac{1}{8}$ oz. 35c; oz. \$2.50; lb. \$32.00.

RUBY KING—Purple shades, very beautiful. Pkt. 10c; 1-8 oz. 35c; oz. \$2.50; lb. \$26.00.

MERCURY—Velvety purple. T. pkt. 10c; $\frac{1}{8}$ oz. 35c; oz. \$2.50; lb. \$26.00.

PRINCE BISMARCK—Light brown shades, with black eye. T. pkt. 10c; $\frac{1}{8}$ oz. 35c; oz. \$2.50; lb. \$26.00.

COLOSSEA VENOSA—Light shades veined and marbled. T. pkt. 10c; $\frac{1}{8}$ oz. 35c; oz. \$2.50; lb. \$26.00.

GIANT STRIPED—A strain made up of various colors, all elegantly and grotesquely striped and variegated. 1 oz. \$3.60; T. pkt. 10c; $\frac{1}{8}$ oz. 40c; lb. \$32.00.

KING OF THE BLACKS—Almost black, of truly giant size. 1-8 oz. 40c; 1 oz. \$3.00; T. pkt. 10c; lb. \$32.00.

GIANT ADONIS—Light blue, very beautiful. 1-8 oz. 40c; 1 oz. \$3.00; T. pkt. 10c; lb. \$32.00.

PRINCE HENRY—Darkest blue, extra large and fine. 1-8 oz. 60c; 1 oz. \$4.00; T. pkt. 10c; lb. \$50.00.

VULCAN—Dark red with five large spots, petals fluted extra. 1-8 oz. 65c; 1 oz. \$4.50; T. pkt. 10c; lb. \$54.00.

GIANT MAUVE QUEEN—New. Slate or mouse color. 1-8 oz. 40c; 1 oz. \$3.00; T. pkt. 10c; lb. \$32.00.

PANSY—PARISIAN MIXTURE

This mixture contains nearly thirty different varieties of Giant-flowering Pansies and embraces all colors known in Pansies. It is a mixture of high quality and will be found very superior. $\frac{1}{8}$ oz. 60c; 1 oz. \$4.00; T. pkt. 10c; lb. \$50.00.

PANSY GREATER AMERICA

The flowers have every bit as wide a range of colors as our America but are larger and will retain their immense size longer during hot weather than America. The blooms are just as substantial as in our America, in a word Greater America is an improved America. We could write and praise this new strain of ours at length but will not do so, for the simple reason that our supply of seed at this time is extremely scarce and if we should get many orders we would be unable to fill them. T. pkt. 50c; $\frac{1}{8}$ oz. \$1.20.

CULTURE OF PANSIES—Pansies love a cool, moist, well-enriched soil. Seed sown in spring in a partially shaded situation will produce fine plants for autumn flowering. However, as most people want pansies in the spring we will tell you how to proceed to secure the finest and best.

Sow the seed in July or August in a cold frame in rows about four inches apart, covering the seed with 1-16 inch of fine clean sand or sandy soil. This is generally applied by sifting with a screen. Dust the soil with sulphur or grape dust to keep the damping-off fungus from starting. For the same reason it is advised that the boards of the cold frame be thoroughly clean of any fungus growth. After seeding pat down with a board and apply a light application of water with a fine spray. Then cover the seed bed with burlap to hold the moisture and hasten germination, being careful, however, to remove the burlap as soon as the plants have sprouted. Failure to do this results in drawn, spindly plants.

Be sure to keep the bed damp, as there is no way of reviving pansy plants or seeds once these have become dry. Neglect here is responsible for seeds failing to "come up." A temperature of 75 degrees or a bit less is just right for sprouting pansies. When the seeds have sprouted cover with very light, thin muslin tacked to frames; this protects them from hot sun, drying winds, heavy rains and insects.

When the plants are large enough to handle they are transplanted to stand four inches each way, in cold frames with the richest soil to be had. For best blooms pansies require soil with an abundance of humus. Pansies must be transplanted but once; the oftener transplanted the smaller the flowers.

When the ground is frozen to a depth of six inches cover the frames well, not to protect against frost, but to insure the ground remaining frozen uninterruptedly until spring. There must be plenty of "fall" to the frames, so the water from melted snow and rains will run off quickly; one inch to the foot or six inches for a standard (3x6 ft.) frame is about right.

The above suggestions are for middle northern states, of the latitude of Iowa. Farther south and wherever winters are not very severe, the plants may be transplanted to the open ground with just enough mulch to hide them from view after the ground freezes. One ounce of seed produces approximately 4,000 plants.

PRIMULA AURICULA GIGANTHEA

Individual flowers the size of a silver dollar. The seed we offer is of Teicher's growing, the famous seed specialist of Germany. This is what Mr. Teicher says about this Primula: The most beautiful and rare colors. When my seed field of these is blooming, they are a sight never to be forgotten. 1 oz. \$20.00; 1-32 oz. \$1.00; 1-16 oz. \$1.75; T. pkt. 40c.

PETUNIA MIRANDA

The best, brilliant red Petunia in existence. Of elegant form, extra large, rich, deep lustrous red with scarlet throat, boldly waved and exquisitely fringed. T. pkt. 20c; 1000 seeds 80c; 1-32 oz. \$1.60.

PRIMULA OBCONICA MUELLER & MOHNSTEIN STRAIN

Greatly improved forms, outrivalling the old type, producing extra large flowers in immense trusses on symmetrical elegantly shaped plants. Richly colored, of strong vigorous growth. Unsurpassed for supplying winter flowers, as pot plants or for the open border.

ATROSANGUINEA, MOHNSTEIN—Dark blood red.

ASTROSANGUINEA, MUELLER—Blood red, not quite as dark as the Mohnstein type.

ROSEA, MUELLER—Pure pink.

HAMBURG RED—Glowing dark rose pink, flowering early, flowers very large.

Price: 100 seeds 25c; 500 seeds \$1.00; 1-32 oz. \$3.00.



PRIMULA OBCONICA GIGANTHEA

This Obconica race is rivalling the Chinese Primrose in size of flowers which measure about $1\frac{1}{2}$ inches across thus equaling in dimensions those of their Chinese rivals with added merit of being easier grown and having a longer duration of bloom.

The varieties named below are all the new GIANT ARENDSSII strain with extra large flowers.

CRIMSON—PALE LILAC—SOFT PINK (Salmon Queen)—DARK BLUE—RICH PINK—MIXED.

Any of the above: 100 seeds 25c; 500 seeds, 90c; 1,000 seeds, \$1.65; 1-16 oz. \$3.40; 1-32 oz. \$1.75.

PRIMULA CHINENSIS

We offer the largest and best named sorts of the single, fringed GIANT flowering type in a mixture. We mix the seed ourselves from separate varieties, blue, pink and red predominating. As to quality, we can truthfully say that our seed is grown by specialists and that better seed than we send out does not exist. And we can make the same claim when it comes to other seeds. If you want the best, we have it. On that we are willing to bet and are not a bit afraid that we lose the bet.

SUPERB MIXTURE—100 seeds 25c; 500 seeds 90c; 1000 seeds \$1.75.

HOW GOOD ARE OUR SEEDS?

When reading the offers in our cataiog you frequently run across terms like these: highest class, quality very high, extraordinarily good, best in the world, etc. It is very possible that in your mind especially if you never tried our seeds—you say to yourself, well, well, these De Giorgi boys know how to praise their stuff. Whether what they say about their seed is so or not is the question. The fact is that we do not brag enough.

We believe in the very best in seeds. To have the best for our customers, we do not spare pains, time or labor. We receive lots of letters from customers in which we are informed, that our seeds are GOOD—VERY GOOD—NEVER HAD BETTER and such like terms. Customers calling in person tell us, that our seeds are good. Over the telephone, customers when ordering seeds say, your stuff is good, no question about that. And we could publish pages upon pages of testimonials if we had the space. As a sample we are inserting a letter from a customer below. It is not a letter with many words but it is saying much.

Michigan, January, 1930.

About six years ago, I had a bench of Stocks from your seeds, which produced OVER \$150.00 worth of double flowers and from that winter to this, I have tried out other seedmen's strains and NONE have been the equal to yours. From a fifty foot bench from your seed I had ONLY six single flowered plants. Signed A. E. D.

PRIMULA VERIS GIGANTHEA

The flowers are of enormous size, way superior to the old strain, born on wiry and long stalks. The colors are yellow, pink and lilac, clear and attractive. Can be forced with ease and had during winter, when flowers are worth money. Try a batch of these wonderful primulas. They are a new thing and no doubt will prove a paying proposition. Mixed. T. pkt., about 200 seeds 20c; $\frac{1}{8}$ oz. 50c; oz. \$3.60.

PRIMULA MALACOIDES

(Improved Baby Primrose)
MOST USEFUL AND PROFITABLE

Freest flowering of all Primulas, forming tufts of light green leaves and carrying on wiry stems about 10 inches long, worlds of graceful flowers in 4 months from date of sowing. Primula Malacoides is the most charming pot plant yet introduced of the greatest value to the retail grower as a cut flower and one of the most profitable plants to grow as it can be employed as a catch crop following chrysanthemums. Strong plants from $2\frac{1}{2}$'s can be shifted to 4's, kept cool (40 to 45 degrees) and will be ready in part for Christmas and the bulk in January up to the end of March. A most vigorous and rapid grower making such a mass of foliage and bloom in 4 inch pots as no other plant. While other primulas must be started for winterblooming in April, Malacoides should not be sown before the first week in July.

DEEP PINK, WHITE, LIGHT LILAC, MIXED—Any color: T. pkt. 25c; 1-32 oz. 55c; 1-16 oz. \$1.00.

ENGLISH PRIMROSE—(Primula Vulgaris.) The wild English flower, color light canary yellow, fragrant. Hardy perennial. T. pkt. 10c; 1-8 oz. 35c; oz. \$2.40.

AURICULA—(Primula Auricula.) Fragrant hardy perennial. Many rich colors. An extremely free bloomer. Height 6 inches. 1-16 oz. 75c; T. pkt. 15c.

PRIMULA VERIS MIXED—The seed we offer is raised for us by the famous specialist Teicher and is the finest strain in existence. Flowers extra large, plants of neat habit, wide range of colors, brilliant red as well as gold edged flowers included. T. pkt. 20c; $\frac{1}{8}$ oz. 50c; oz. \$3.60.

PRIMULA KEWENSIS—Large flowered, golden yellow, with magnificent ornamental foliage, also called Verbena Scented Primula. Not as profuse a bloomer as Obconica or Malacoides, but highly valuable as it will live for a long time even under gross neglect. First class house plant. 100 seeds 15c; 500 seeds 40c; 1,000 seeds 65c; 1-32 oz. \$1.25; 1-16 oz. \$2.25.

PYRETHRUM

Pyrethrum is easily grown from seed, does not winterkill and produces fine daisy-like flowers and grows about 2 feet high. The Golden Feather grows only about 8 inches high and for ribboning and borders there is absolutely no better plant. Is treated as annual, the seed is sown early in the spring indoors and set out in April or May. The Uliginosum variety grows 3 to 4 feet high, is a fine hardy plant with daisy-like flowers 4 inches across. Plant 8 inches apart.

The following are hardy perennials with daisy-like flowers about 2 feet high and blooming in May and June, all fine for cutting.

ROSEUM BLOOD RED—T. pkt. 15c; $\frac{1}{8}$ oz. 30c; oz. \$2.00.

GRANDIFLORUM COMET—Fine single and semi-double varieties, with twisted petals. T. pkt. 20c; 1-8 oz. 50c; 1-16 oz. 30c.

ROSEUM KELWAY'S HYBRIDS—The flowers of this strain grow to an enormous size of 12 inches in circumference and present all the beautiful variations of color between light rose, pink and deep carmine. An excellent cut flower. 1-8 oz. 35c; oz. \$2.50; T. pkt. 15c; lb. \$26.00.

PYRETHRUM ULIGINOSUM—Forms large shapely bushes covered with very large white daisy-like flowers. Height 4 feet. Space the plants 15 inches apart. T. pkt. 10c. oz. \$2.00; 1-16 oz. 30c; 1-8 oz. 50c

ROSEUM DOUBLE MIXED—The flowers are large and beautiful, saved from isolated and finest double flowers, however, the seed produces some single flowers occasionally, especially so the first year after sowing. T. pkt. 20c. 1-32 oz. 40c; 1-16 oz. 75c; oz. \$10.00.

FOLIAGE PYRETHRUMS FOR BEDDING

GOLDEN MOSS—The foliage is very fine and very curled, entirely distinct and fine for formal gardening. New. T. pkt. 10c; oz. 60c; lb. \$6.00.

PYRETHRUM AUREUM—(Golden Feather.) The finest of all perennial plants suitable for edgings, carpet bedding, ribboning, etc. Perfectly hardy, forming neat graceful bushes about 8 inches in height. The foliage is attractive yellow color, very handsome. T. pkt. 10c; oz. 60c; lb. \$4.20.

IF YOU SELL perennials to visitors, have specimen plants of the following: Aquilegia, Achillea Aurea, Alyssum, Aster Alpinus Goliath, Babtisia, Bleeding Heart, Dianthus, Dictamnus, Hardy Ferns, Cerastium, Arabis, Hesperis, Hemerocallis, Iris, especially Siberian Perry's Blue, Linum, Pyrethrum Roseum, Nepeta, Veronica Royal Blue and of as many others that bloom early, as possible.

These are in bloom in May or earlier, when those that care for flowers are in a buying mood. When a lover of flowers sees a perfect specimen in bloom, the appeal is invariably strong enough to make him want the plant. Ourselves, although flowers are as common with us as potatoes are with a grocer, did buy many a clump of a perennial seen at its best, paying gladly a good price for it. Your prospects will do the same. Price is of little consequence. They want beautiful flowers and it is up to you to show them your flowers at their best. To show them long rows of plants in a nursery row, free of weeds and in fine shape from a commercial viewpoint, has no selling power. Put aside a part of your grounds and there allow them to get well established and to that spot lead your customers. The plants in their full beauty will make sales easy for you and your customers will leave with pictures of the flowers seen, in their minds, and will scatter the news that you are the party who has THE FLOWERS far and wide, without charge.

PHLOX PERENNIAL

Our mixture contains improved strains forming extra large perfectly round flowers, with petals overlapping each other. The seed of this germinates slowly, often requiring 5 to 6 months. Mixed. 85 seeds, 10c; 1-8 oz. 30c; oz. \$2.20.

POLEMONIUM—JACOB'S LADDER

CORRULUM GRANDIFLORUM. Beautiful, hardy perennial, bearing flowers nearly two inches across, in large clusters, often as many as 25 blooms included in each cluster. Requires rich soil. A grand cut flower. Color charming sky blue. T. pkt. 10c; oz. 60c; lb. \$6.00.

POLEMONIUM RICHARDSONII—Flowers light blue with golden yellow anthers with a fragrance of ripened grapes; excellent for cutting. Perennial. Height 6 inches. T. pkt. 10c; oz. 60c; lb. \$6.00.

POLYANTHUS—See Primula Veris.

RUDBECKIA PURPUREA HYBRIDA

An improved Purpurea and really a first class, hardy perennial. The flowers are very large, single, daisy like carried on long stems, crimson in color. Height 4 ft. T. pkt. 10c; 1/8 oz. 20c; oz. \$1.20.

PUERARIA THUNBERGIANA—Kudzu Vine—The seed germinates slowly and the first year the vine will make a growth of about 8 feet, but once established will grow 50 feet or more in a season. Plant foot apart. The foliage is neat, clean and dense. Blooms late in summer. Perfectly hardy. T. pkt. 5c; oz. 30c; lb. \$2.90.

SIDALCEA ROSY GEM

Hardy perennial plant with handsome spikes of pink flowers. Height 4 feet. T. pkt. 10c; 1-8 oz. 25c; 1 oz. \$1.80.

SAXIFRAGA

LINGULATA LEICHTLINII—Produces early in spring, erect panicles of bright red flowers and masses of bold, long, narrow, deep green foliage covered with "frost." A choice plant for the rockery, border or shrubbery. Hardy perennial. Easily raised. Height 30 inches. T. pkt. 20c; 1-32 oz. 90c.

SAXIFRAGA PERENNIAL MIXED—Many varieties, including broad leaved, mossy, narrow and encrusted leaved sorts, both tall and dwarf growing. Once started from seed you may select your type of plant and propagate these by divisions. They multiply fast and are perfectly hardy. T. pkt. 15c; 1-32 oz. 30c.

ORIENTAL SPLENDENS—A splendid perennial fine for cutting or for the hardy border bearing fine large bright rosy pink flowers with a delicious perfume. Easy to raise from seed. Space the plants 2 feet apart. T. pkt. 10c; 1 oz. 40c; lb. \$3.80.



Stachys Latifolia

STATICE LATIFOLIA is a handsome perennial plant of easy culture, growing about 2 feet high. Planted in deep and rich soil and left undisturbed will produce graceful, deep blue flowers for many years. Blooms from June to August. Sow the seed outdoors as soon as the ground can be worked and set foot apart. Can be used dried like strawflowers. T. pkt. 10c; oz. 60c; lb. \$6.00.

PLANTS—Strong field grown, \$1.25 per 10; \$8.00 per 100.

STATICE INCANA NANA—Produces masses of miniature starshaped flowers on stalks 2 feet high in flat heads triangle shaped 6 inches across and ideal as a filler in flower work. Pale lavender in color. Can be dried and dyed to any desired color. A valuable flower for the florist and absolutely hardy anywhere. T. pkt. 10c; oz. 40c; lb. \$4.00. Strong field grown plants: \$2.00 per dozen.

STATICE CASPIA—Perennial variety producing graceful sprays of lavender and white flowers valuable both as fresh cut flowers or dried. Also called "Baby Statice." T. pkt. 10c; 1-32 oz. 20c; 1/4 oz. 90c.

SCHIZANTHUS—BUTTERFLY FLOWER

If a crop of flowers is desired during December and January sow in September, allow the plants to bud in 4 in. pots, grow cool (48 deg. house). You will find it about the easiest flower to bring into bloom and the most readily salable.

DR. BADGER'S GIANT FLOWERING SCHIZANTHUS—A superior strain with perfect flowers 1 1/2 inches across, in all imaginable colors and markings. Foliage fern-like bright green. Never fails to bring forth admiration. T. pkt. 15c; 1-8 oz. 25c; 1 oz. \$1.80.



Schizanthus Wisetonensis

WISETONENSIS MIXED—Compact growing strain producing fine flowers in abundance. T. pkt. 10c; 1/8 oz. 15c; 1 oz. 80c.

WISETONENSIS RICH PINK—Large flowered deep pink. T. pkt. 10c; 1-8 oz. 15c; oz. 80c; lb. \$8.00.

WISETONENSIS ROSE AND AMBER—Large flowered in shades of pink and brown. T. pkt. 10c; 1-8 oz. 15c; oz. 80c; lb. \$8.00.

SCHINZANTHUS RETUSUS—This type grows two feet tall, flowers very large, orchid shape, in white, pink, crimson, spotted, etc. Culture same as other Schizanthus. Excellent for pots or garden display. T. Pkt. 10c; oz. 45c; lb. \$4.00.

SCABIOSA—MOURNING BRIDE

CAUCASICA PERFECTA—Sky blue, large flowers of elegant outline, a first class cut flower. T. pkt. 20c; 1-8 oz. 40c; oz. \$3.00.

CAUCASICA ALBA—Pure white. T. pkt. 20c; 1-8 oz. 40c; oz. \$3.00.

JAPONICA—This is a perennial variety of great beauty and elegance.

The beautiful artistic lavender blue flowers are borne on long wiry stems and are 2 to 3 inches across. Very floriferous. A fine cut flower. Height 3 feet. Oz. 45c; T. pkt. 10c.

SCABIOSA CAUCASICA I. HOUSE

To have a conception of the immense advance shown in this new strain, you must see the flowers. A group of the blooms is so stunning, that it discounts delphiniums which is saying a lot, yet fully in conformity with facts. The blooms are much larger than those of the old type carried on long stiff stems in a number of lovely blue shades as well as pure white. They can be easily forced and we believe that this new strain will become a paying greenhouse crop. High germinating seed from our own growing. T. pkt. 40c; 1/8 oz. 80c; oz. \$6.00.

SCABIOSA COLUMBARIA

Hardy perennial, flowers born on long stems, from two to two and half inches across with short compact petals. First rate cut flower. We offer a mixture of pink and lavender. T. pkt. 40c; 1/8 oz. 80c; oz. \$6.00.

SAINTPAULIA IONANTHA GRFL.

A grand new flower and high class pot plant that can be had in bloom for Christmas and for months after. Easily raised from seed. The flowers resemble those of violets, are larger in size of deepest blue and highly attractive owing to their bright golden anthers that stand out in vivid contrast. In bloom six months after sowing. Use rich soil mixed with one-third sharp sand, over summer keep partly shaded and allow the plants rest by withholding water. Saintpaulia is one of the choicest winter flowering plants and sure to become popular. To prevent damping off, water the seedlings while in the seed flats from below, by placing the flats in tubs containing an inch or so of water. Never water Saintpaulia overhead. With this precaution you will have a perfect success. Saintpaulia loves a humid, warm atmosphere and dislikes draughts. 100 seeds 35c; 500 seeds \$1.40. Height 6 in.

TEICHER'S FORCING STOCKS

TEICHER'S GIANT NOBLE FORCING STOCK

Of extremely robust growth, producing perfectly formed, double flowers of gigantic size, on stout, straight stalks 30 inches long. There are 12 to 18 fine double flowers arranged pyramidal fashion around the stalk and close under the base of this leading stalk are 6 to 8 side flowers each carrying 6 to 10 perfect double flowers. Every plant a bouquet by itself. An entirely new creation and that it will prove a highly paying flower we have not a shade of doubt. The seed produces 90% or better of double flowers. Sow the seed in August and September for a crop of flowers to come from December to March, sow again in November up to January to have flowers in May and June. **WHITE—SOFT PINK—ROSE PINK—SILVER LAVENDER—PURPLE—BLOOD RED—MIXED.** Price: 250 seeds 20c; 500 seeds 35c; 1000 seeds 65c; 5000 seeds \$2.50.

STOCK EARLY GIANT IMPERIAL GOLDEN ROSE

Pleasing light rose-pink, toned golden-yellow in the center of each individual floret. Flowers large, very double on long stems. A wonderful cut flower. T. ptk. 20c; 1/8 oz. 50c; 1/8 oz. 90c.

STOCK EARLY GIANT IMPERIAL ANTIQUE COPPER

Very outstanding and highly prized by the growers. Lustrous red, overlaid with copper. The two colors form a most pleasing antique copper effect. Extra long stems, blooms very double and very large. T. ptk. 20c; 1/8 oz. 50c; 1/8 oz. 90c.

STOCK EARLY GIANT IMPERIAL ROYAL PURPLE

Tall, extra large and double, color velvety violet purple, very outstanding. T. ptk. 20c; 1/8 oz. 50c; 1/8 oz. 90c.

LARGE DOUBLE TEN WEEKS STOCKS

Best variety for bedding, flowers double plants dwarf and compact. **GRAND ROUGE**, blood red, **MOUNT BLANC**, snow white, **ROSY MORN**, flesh pink, **SAPPHIRE**, dark blue, **MIXED**—Any of them: Pkt. 10c; 1-8 oz. 25c; oz. \$1.80; lb. \$22.00.

GIANT IMPROVED BISMARCK EARLY GIANT IMPERIAL

The best stock for close planting, producing a high percentage of double flowers on fine stems 2 1/2 feet long 10 days before either Giant Perfection or Nice varieties. A florist moneymaker. **WHITE—ROSE**, deep rose pink, **LAVENDER**, clear rich lavender, **CHAMOIS**, creamy white tinted with rose, **GOLDEN BALL**, rich canary yellow, **RED**, fiery red, **DARK BLUE—MIXED**. Any color: T. ptk. 15c; 1-8 oz. 45c; oz. \$3.00.

GIANT PERFECTION STOCKS

Early flowering variety; also called Cut and Come Again. The plants are of fine symmetrical habit, bushy and about 2 feet in height. The numerous side branches each carry a tall strong spike well furnished with unusually large and very double highly fragrant flowers. Unsurpassed as a cut flower. Mixed. Many brilliant colors. **BRILLIANT**—Dark red; **CREOLE**—Canary yellow; **LA FRANCE**—Rose; **MAY QUEEN**—Lilac; **PRINCESS ALICE**—White; **SAPPHIRE**—Deep blue; **MIXED**—Many brilliant colors. Any of the above: T. ptk. 15c; 1-8 oz. 30c; 1 oz. \$1.80; lb. \$20.00.

STOKESIA—CORNFLOWER ASTER

A magnificent hardy perennial. The flowers, measuring 4 to 5 inches across, are produced on stiff, long stems, making an excellent plant for cut flowers, for bouquets, etc. Here in Iowa it winterkills but it is so easy of culture and produces such handsome flowers it is really worth while growing as an annual. Plant 9 inches apart. Height 2 feet.

STOKESIA WHITE—Pure white. T. ptk. 20c.

STOKESIA BLUE—T. ptk. 10c; 1/8 oz. 15c; oz. 80c; lb. \$10.00.

STOKESIA MIXED—T. ptk. 10c; 1/8 oz. 15c; oz. 80c; lb. \$10.00.

TROLLIUS

Perfectly hardy, free flowering perennial, producing giant ball shaped flowers resembling tulip, from May until August. A valuable cut flower. Succeeds in rather light soil and in a half shady position. The seed we offer is from a collection of new large flowered hybrids in all shades of yellow with a percentage of double flowers. Height 2 feet. T. ptk. 15c; 1-16 oz. 30c; 1-8 oz. 50c; oz. \$3.60.

STATICE SINNUATA FIREFLY

A splendid new variety, flowers of the brightest imaginable vivid red, the plants of compact growth, very floriferous. T. ptk. 20c; oz. 60c; lb. \$6.00.

TEICHER'S GIANT FLOWERED MAMMOTH COLUMN FORCING STOCK

A sensational new class of winter flowering stocks. The flowers are extremely double, very large, of perfect form from 16 to 22 flowers gracefully arranged on a single, straight, stout stalk, from 30 to 36 in. in length. Sow the seed late in August for a crop of flowers in December to March.

Florists that tried this new stock, report, that they sold the flowers at highest prices, that they have never seen anything as fine in stocks, that they are unable to fill all orders and all expressed their surprise at the high percentage of doubles the seed produced. The colors are: **WHITE—CRIMSON—PURPLE—PINK—LIGHT BLUE—MIXED**. Any color: 250 seeds 30c; 500 seeds 50c; 1000 seeds \$1.00, 5000 seeds \$4.50.

GIANT BEAUTY OF NICE

GIANT BEAUTY OF NICE—An excellent variety of early flowering winter stock producing flowers in great profusion on plants over two feet high. Large percentage of these are perfectly double and all are powerfully fragrant. Sow seeds of these for winter blooming in August and September. If intended to bloom outdoors sow the seed in March. **BRILLIANT CRIMSON**, **BLOOD RED**, **LILAC**, **LIGHT BLUE**, **DARK BLUE**, **DARK VIOLET**, **LEMON YELLOW**, **DELICATE PINK**, **OLD ROSE**, **SNOWWHITE**, **MIXED**. Any color: T. ptk. 10c; 1-8 oz. 30c; 1 oz. \$2.00; 1 lb. \$24.00.

CHRISTMAS PINK—A most beautiful flower. To have blooming plants for Christmas sow the seed in June. The flowers are extra large and double, excellent for cutting. This variety if not pinched back will grow 3 feet high. A very strong grower. T. ptk. 15c; 1-8 oz. 50c; 1 oz. \$3.50.

CHRISTMAS WHITE—Like the Christmas Pink, a very strong grower bearing massive spikes of strikingly large extra double snowy white most beautiful flowers. T. ptk. 15c; 1-8 oz. 50c; 1 oz. \$3.60.

CHRISTMAS CRIMSON—New. Of same habit as Christmas Pink or White, producing beautiful, double, glistening dark red flowers on tall stems. T. ptk. 15c; 1-8 oz. 50c; 1 oz. \$3.60.

SWAINSONIA ALBA GRANDIFLORA

An elegant plant with large white flowers and delicate bright green foliage, excellent for bouquets, as a green, in basket and design work, for high class wreaths and sprays and as substitute for Valley in brides bouquets. Readily started from seed. Grow in a 50 deg. house, give rich soil and plenty of sun. The flowers resemble somewhat sweet peas, the plants are in bloom almost every day in the year if kept in a large pot or tub so as to restrict them as to root room. Once you try Swainsonia you will not be without it. Tender perennial. Height 2 1/2 feet. T. ptk. 25c.

SWEET WILLIAM—Dianthus Barbatus

PERFECTION MIXTURE—This mixture contains the finest extra large flowering single varieties, such as Holborn Glory, Auricula Flowered, etc., and will produce magnificent flowers of the most beautiful shades and markings. 1-4 oz. 15c; 1 oz. 50c; lb. \$7.00; T. ptk. 10c.

OCULATUS MARGINATUS—Large flowered variety, the individual blooms having a large white eye encircled by well defined zone of red, violet, blue, etc., very beautiful. T. ptk. 10c; oz. 40c; lb. \$4.00.

PINK BEAUTY—Large flowers of satiny pink color. T. ptk. 10c; 1-8 oz. 15c; oz. \$1.00.

SCARLET BEAUTY—The flowers are of an intense scarlet in large trusses. T. ptk. 10c; 1-8 oz. 15c; oz. \$1.00.

CHOICE SINGLE MIXED—T. ptk. 5c; 1/4 oz. 10c; oz. 30c; lb. \$3.00.

DOUBLE MIXED—T. ptk. 10c; oz. 60c; lb. \$9.00.

VIOLAS OR TUFTED PANSIES

In bloom from June till frost, sweet scented in many colors, with flowers about the size of a half dollar piece. Unexcelled for bouquets, highly prized in England and elsewhere in Europe and should prove one of the most paying flowers for the florist located in the southern half of the country as they last for years without protection. In the North they require protection over winter. Seed sown in April will produce blooming plants in June. T. ptk. mixed, 10c; 1-8 oz. 40c; oz. \$2.60, prepaid.

TEICHER'S DWARF PYRAMIDAL FORCING STOCKS

First in earliness, four weeks earlier than the Nice Stock. For winter blooming, sow the seed during June, July and August. Pot up before cold weather sets in and grow on in a cold house. For spring sales sow in December and January and in February and March if intended for the open. Fine for cutting and an excellent substitute for Dutch Hyacinths. The seed produces a high percentage of double flowers. Height 10 in.

WHITE—APPLE BLOSSOM—DELICATE SALMON—FLAMING RED—LIGHT LAVENDER—DARK PURPLE—MIXED. Any color: 250 seeds 20c; 500 seeds 35c; 1000 seeds 65c; 5000 seeds \$2.50.

IF YOU GROW Sweet Peas buy the best. Zvolanek's is the BEST. The seed may seem to cost more but does not. The value of the crop counts, not the cost of seed.

ZVOLANEK'S SWEET PEAS

Seed offered below is grown for us by Ant. C. Zvolanek & Sons. It is the best in the world and no mistake.

WINTER FLOWERING SWEET PEAS were originated by Mr. A. C. Zvolanek. Many new growers and many new varieties appeared since then but Mr. Zvolanek is the undisputed leader. So it is with pleasure that we are offering seed from the originator to our many friends. You want the best Sweet Pea seed there is. We have it.

EARLY WINTER FLOWERING PINK

MRS DAISY CLUFF

Mrs. Daisy Cluff is truly a sensational new variety. One of the largest among the mammoth flowering Sweet Peas, considerably larger than the famous Zvolanek's Rose with more substance. Pure, light pink upon first opening, turning a shade darker pink when the flowers are fully expanded. Stems extra long and extra strong. A very beautiful flower that has a character, that sets it apart from other Sweet Peas, admired by everyone and sure to become immensely popular. Superior in size, texture and substance to such varieties as Zvolanek's Empress and Z. Rose. T. ptk. 15c; oz. \$1.00; lb. \$10.00.

MRS. H. R. HOLSCHER—Vigorous, free blooming, very large, long stemmed, clear light pink, recommended as an all year Sweet Pea for the Southwest, where sunshine is abundant. In localities with dark winters this variety should be planted late, so as to come into bloom in February and March, in other words a splendid sort but not the best for midwinter in the Northern climate. T. ptk. 15c; oz. \$1.00; lb. \$10.00.

ZVOLANEK'S MISS CANADA

Clear, matchless light pink, every flower coming with double standards or wings, or both the standards and wings are double. The flowers are extraordinary in size, born on extra long and strong stems. Of all Sweet Peas Miss Canada is the earliest bloomer, producing an abundance of splendid flowers fully three weeks ahead of any other variety. The vines produce flowers when only eighteen inches high. These first flowers are carried in twos, but, when the vines reach the height of five feet all the immense mass of blooms that the vines produce is all with fours, on fine long stems. Miss Canada has remarkable lasting qualities and produces a profusion of bloom even during the dark winter months. T. ptk. 15c; oz. \$1.00; lb. \$10.00.

ZVOLANEK'S OTTAWA—Mammoth in size, color dark rose. Extra early and double. Practically the same as Miss Canada, differing only in color. Mr. Zvolanek expects to have more colors in this new, extra early double flowering type in the near future and we hope to be able to offer these new varieties as soon as out. T. ptk. 15c; oz. \$1.00; lb. \$10.00.

ZVOLANEK'S EMPRESS

A wonderful variety well known to most Sweet Pea growers, color light pink, size of flower immense, bigger than the world famed Zvolanek's Rose, beautifully waved. A much better variety than Giant Rose. Stems strong and very long. T. ptk. 15c; oz. \$1.00; lb. \$8.00.

ZVOLANEK'S CHICAGO PINK—High class commercial variety, one of the most exquisite and beautiful Sweet Pea in existence. The flowers are cheerful, bright pink with a delicate and most pleasing touch of salmon, carried in fours on long, strong stems. A favorite in the wholesale cut flower markets and a first class flower in every way. T. ptk. 15c; oz. \$1.00; lb. \$8.00.

ZVOLANEK'S ROSE—One of the finest of all Sweet Peas. The queen of all rose colored Sweet Peas. Immensely popular and the mainstay with all growers. When Mr. Zvolanek introduced this variety the popularity of Sweet Peas was assured.

Extra large in size, of bold outline, rich rose-pink, born in fours and carried on a long strong stem. Profuse bloomer. A dominating variety in spite of the fact that since its introduction many a fine new variety arrived but none can diminish the popularity of Z. Rose. It is so highly meritorious a variety that it has been renamed and introduced as a new variety by some dealers—a compliment to the originator and his work. T. ptk. 15c; oz. 75c; lb. \$8.00.

JEANNE MAMMITCH—Of exceptional merit. Mammoth in size and a most beautiful color—glowing rose pink, warm and rich. Long strong stems. Vigorous grower, profuse bloomer one of the loveliest and prettiest. Seed of Mr. Zvolanek's growing. T. ptk. 10c; oz. 50c; lb. \$5.00.

GIANT ROSE—Large pink on white ground. T. ptk. 10c; oz. 50c; lb. \$5.00.

ZVOLANEK'S MISS L. GUDGE—Large shell-pink. Old favorite with growers. T. ptk. 10c; oz. 50c; lb. \$5.00.

ZVOLANEK'S PERFECTION—A mammoth dark rose. All year round variety in winter or outdoors. One of the best in the Pacific and Gulf states. T. ptk. 15c; oz. 75c; lb. \$6.00.

SALMON AND ORANGE COLORS

ZVOLANEK'S MISS ALICE RAINFORD

Rich, dark salmon with a touch of cream a lovely combination of colors. Very large, very wavy, of much substance and the best in this color. Much in demand. Vigorous grower. T. ptk. 15c; oz. \$1.00; lb. \$10.00.

ZVOLANEK'S MISS AMY DU PONT

Beautiful, glowing, light, clear salmon-pink of mammoth size, bearing many double flowers on long stems. Free flowering. A novelty of exceptional value. A bunch of Miss Amy Du Pont never fails to bring forth admiration. T. ptk. 15c; oz. \$1.00; lb. \$10.00.

ZVOLANEK'S NEW JERSEY

Medium in size, but what a color—the most brilliant and absolutely the brightest orange-red, never heretofore seen in Sweet Peas. Does not burn, is a very early bloomer and is recommended as one of the best midwinter. New Jersey is the best variety in its color today. T. ptk. 15c; oz. \$1.00; lb. \$10.00.

ZVOLANEK'S SANTA BARBARA

A mammoth dark orange red, long stems, well built flowers and good producer. T. ptk. 15c; oz. \$1.00; lb. \$8.00.

ZVOLANEK'S PRINCESS

A Real Princess Indeed

By all means grow some of Zvolanek's Princess. A master piece that all growers who grew it for trial are praising in the most flattering terms and Mr. Zvolanek is sold out of this variety long before the crop of seed is ready for delivery. Princess is and will be much in demand. The blooms are immense in size, of most elegant form, glistening, bright clear, light salmon-pink that does not fade but IMPROVES in color when cut. Strong grower, profuse bloomer beautiful beyond description, a variety destined to be a leader for many years to come. T. ptk. 15c; oz. \$1.00; lb. \$8.00.

BURPEE'S ORANGE—Orange self, should be shaded to avoid burning. Seed grown by Mr. Zvolanek. T. ptk. 10c; oz. 75c; lb. \$6.00.

MRS. KERR—Rich salmon of fine color, but must be shaded. T. ptk. 10c; oz. 50c; lb. \$5.00.

WHITE EARLY FLOWERING

ZVOLANEK'S EARLY WHITE ROSE—Earlier than the same variety of Mr. Zvolanek's origination, under the same name. Flowers immense in size, with much substance and exquisite in shape. Pure glistening white, born usually in fours, carried on an exceptionally long and strong stem. Produces bloom in profusion and is fully as valuable a variety as the famous Zvolanek's Rose. Fully as dependable in every way and a week earlier. All growers agree that there is no better white in existence. T. ptk. 15c; oz. \$1.00; lb. \$8.00.

WHITE HARMONY—Seed grown by Mr. Zvolanek. T. ptk. 15c; oz. 75c; lb. \$6.00.

SNOWSTORM—Popular white, strong grower, seed grown by Mr. Zvolanek. T. ptk. 10c; oz. 50c; lb. \$5.00.

ZVOLANEK'S WHITE—A large white seeded, with long stems. Flowers wide apart and mostly with four. Well known commercial variety. T. ptk. 10c; oz. 50c; lb. \$5.00.

LAVENDER SHADES

ZVOLANEK'S MICHIGAN—Mammoth in size, pure, dark, lavender, vigorous grower and an extra heavy producer of magnificent bloom carried in fours on long stout stems. An ideal florist variety, immensely popular in spite of the fact that it is a comparatively new arrival. A perfect variety that every grower should have. T. ptk. 15c; oz. \$1.00; lb. \$8.00.

ZVOLANEK'S PHILADELPHIA—Flowers of great size, perfect in form, of clear, luminous lavender throughout, a true self, beautifully waved, with blooms held erect on long stout stems. Very vigorous grower and an extra heavy bloom producer. It is one of Mr. Zvolanek's older varieties well known and a favorite with many growers. Much better than Harmony. T. ptk. 15c; oz. 75c; lb. \$6.00.

ED. ZVOLANEK—Well known and popular, extra large commercial lavender. Profuse bloomer, flowers perfect in form, mostly in fours, born on stems of great length. Many double flowers. T. ptk. 10c; oz. 60c; lb. \$6.00.

HARMONY—A good clear lavender. Seed grown by Mr. Zvolanek. T. ptk. 10c; oz. 50c; lb. \$5.00.

ZVOLANEK'S BOSTON—One of the best lavender under glass, being loaded with flowers from November. Practically the same in size and elegant outline of flowers as Michigan only several shades lighter and earlier. T. ptk. 15c; oz. \$1.00; lb. \$8.00.

BLUE SHADES

ZVOLANEK'S INDIGO BLUE—A masterpiece in the fullest meaning of the word. Immensely popular with florists in all parts of the civilized world. The flowers are very large, stems long and wiry and the color the richest, pure, self indigo-blue, very dark, very pronounced. Strong grower and a heavy producer of splendid bloom even during the darkest winter months. If you cannot afford to pass. T. ptk. 15c; oz. \$1.00; lb. \$8.00.

ZVOLANEK'S BLUE WONDER—A wonderful Sweet Pea possessing all the excellent qualities of Z. Rose, shape, bold and wavy, robust in growth, dependable to produce a good crop of bloom under most any conditions and clear rich appealing blue in color. T. ptk. 15c; oz. 75c; lb. \$6.00.

ZVOLANEK'S BLUE SENSATION—Has the same qualities and characteristics as Zvolanek's Rose, large bloom, bold, wavy, the color is light, clear blue. In great demand and a variety that is hard to beat. T. ptk. 15c; oz. 75c; lb. \$6.00.

OTHER COLORS

ZVOLANEK'S XMAS TRIUMPH

The Finest Bicolor

Flowers immense in size, of much substance, produced freely, on long, strong stems, mostly in fours. The standards are brilliant, clear pink, the wings pure glistening white and the keel a lovely shade of cream, a combination of color that is perfectly charming. Xmas Triumph is the loveliest and finest of all the two colored Sweet Peas or as they are called "bicolors." Remarkable variety for holding its color when cut. T. ptk. 15c; oz. 75c; lb. \$8.00.

GLITTERS—Fiery orange red. Zvolanek grown seed. T. ptk. 10c; oz. 50c; lb. \$5.00.

GRENAIDER—Medium flower, but fine, bright red. T. ptk. 10c; oz. 50c; lb. \$5.00.

ZVOLANEK'S RED—Very large scarlet and extremely long stems. Likes plenty of sunshine and should be planted to bloom in February or later. Unsurpassed for outdoor planting. T. ptk. 10c; oz. 50c; lb. \$5.00.

ZVOLANEK'S KANSAS CITY—An extra large dark red, pleasing color and long stems. Good for early or late plantings. T. ptk. 10c; oz. 50c; lb. \$5.00.

ZVOLANEK'S MIXED—This mixture includes every variety that we list of Mr. Zvolanek's growing in even proportion of colors. T. pkt. 10c; oz. 60c; lb. \$6.00.



Picking Sweet Peas In June, in one of Mr. Zvolanek's fields. The lady is wearing a fur coat. Lompoc lays in high altitude, the climate is cool, a fur coat in June feels comfortable. The nights in Lompoc are more than cool and that helps to put quality into Mr. Zvolanek's Sweet Peas.

BUSH SWEET PEAS

Bush Sweet Peas or Semi-Cupids, Winter Flowering Sweet Peas are Mr. Zvolanek's new creation. The plants grow upright, requiring no supports, to the height of 18 inches, producing quantities of splendid, large sized, perfectly formed, fragrant flowers on medium long stems, excellent as cut flowers for funeral work as well as for pot plants, either for Christmas or Easter and unexcelled for the garden as a border plant. The plants are literally covered with bloom practically all summer, when planted in the open and all winter under glass. The seed we offer is of Mr. Zvolanek's growing and contains about twenty different colors. T. pkt. 15c; oz. \$1.00; lb. \$10.00.

MORE SWEET PEAS WINTER FLOWERING

Mr. Zvolenek does not grow the seed of varieties which we are listing below. The seed we offer, is seed grown by other growers of highest repute such as Bodger, Burpee, Morse, and the BEST money can buy.

	oz.	lb.
ALL WHITE—Large pure white, seed white.....	\$0.40	\$4.60
AVIATOR—Dazzling crimson scarlet .....	.40	4.60
BLUE BIRD—Violet blue .....	.40	4.60
FAIR MAID—Bluish pink .....	.40	4.60
HERCULES—Giant pure pink .....	.40	4.60
LAVENDER KING—Deep lavender self.....	.40	4.60
MEADOW LARK—Cream colored .....	.40	4.60
MISS SPOKE—Cerise red .....	.60	8.00
NEW BLUE—Deep blue, vigorous grower.....	.60	7.40
PENROSE—Rose pink, extra good.....	.60	8.00
ROSE DORE—Soft pink, very vigorous.....	.40	4.60
ROSE CHARM—Bright rose .....	.40	4.60
WEDGEWOOD—Lovely light blue self.....	.40	4.60
MIXED—Includes all the above in proper proportion..	.40	4.60

VERONICA SPICATA

Hardy perennial with long spikes of bright blue flowers, in bloom from June to September and of striking appearance. Does well in any kind of soil away from shade. T. pkt. 10c; 1-8 oz. 20c; oz. \$1.20.

WALLFLOWER EARLY WONDER

A perfectly double wallflower, that can be had in bloom all year around. No matter what time the seed is sown, never fails to produce bloom five months after sowing. Will bloom at Christmas time if sown in July. The main spike is thickly set with large double blossoms of perfect shape, the lateral branches that appear later, also bear fine flowers, fine for cutting. The flowers have a wonderful scent. The colors are canary yellow and brown. Height 24 to 30 in. Annual. **MIXED**. T. pkt. 20c; 1/8 oz. 40c; 1/8 oz. 75c; oz. \$5.00.

SPENCERS OR ORCHID SUMMER FLOWERING SWEET PEAS

	oz.	lb.
ANNIE IRELAND—White edged terra cotta pink.....	\$0.20	\$2.20
AUSTIN FREDERICK IMP.—Giant lavender, extra.....	.20	2.20
avalanche—Glistening pure white, extra.....	.30	2.80
CHARITY—Scarlet crimson .....	.20	2.20
CHIEFTAIN—Silky mauve, extra .....	.30	2.80
CONSTANCE HINTON—Giant black seeded white.....	.20	2.20
DORA—Cerise, cream wings, bicolor, extra.....	.30	2.80
DORIS—Soft salmon cerise.....	.20	2.20
DOREEN—Brilliant carmine, extra .....	.30	2.80
ELEGANCE—Giant blush-pink .....	.20	2.20
FELTON'S CREAM—Fine cream colored variety.....	.20	2.20
FLAMINGO—Cerise scarlet, extra special .....	.80	8.00
FORTUNE—Rich dark blue, extra.....	.30	2.80
HAWLMARK CERISE—Rose cerise on cream, extra.....	.20	2.20
HAWLMARK PINK—Giant salmon shaded pink.....	.20	2.20
HEBE—Deep lively pink .....	.20	2.20
HERCULES—Giant pale rosy pink.....	.20	2.20
JACK CORNWALL—Azure blue .....	.20	2.20
KING EDWARD—Crimson red .....	.20	2.20
KING WHITE—Large white, white seed.....	.20	2.20
KING MAUVE—Giant waved mauve.....	.20	2.20
KITTY PIERCE—Lilac suffused blush pink, flowers duplexed, extra good .....	.80	8.00
MAMMOTH—Giant blazing orange scarlet, extra.....	.20	2.20
MARY PICKFORD—Cream pink, suffused salmon.....	.20	2.20
MODEL—Black seeded white, extra .....	.30	2.80
OLYMPIA—Rich royal purple, extra .....	.30	2.80
PICTURE—Deep pink on cream ground.....	.20	2.20
PINKIE—Giant pure deep pink, vigorous, extra long stemmed, magnificent .....	.20	2.20
R. F. FELTON—Beautiful lavender .....	.20	2.20
REFLECTION—True clear blue, extra .....	.80	8.00
ROYAL PURPLE—Rich purple .....	.20	2.20
ROYAL SCOT—Brilliant cerise scarlet .....	.20	2.20
RENOWN—Carmine red .....	.20	2.20
THE PRINCE—Rich clear crimson, extra .....	.40	4.00
THE SULTAN—Black velvety maroon, extra .....	.20	2.20
WARRIOR—Maroon .....	.20	2.20
WHAT JOY—Deep rich cream, extra .....	.30	2.80
WEDGEWOOD—Lovely blue .....	.20	2.20
YOUTH—White rose pink edge, extra .....	.20	2.20

THALICRUM DIPTEROCARPUM

Very graceful plumes of rosy purple flowers conspicuous yellow anthers. One of the most graceful and decorative plants. Easily raised from seed. The foliage resembles maidenhair fern, is very decorative and no florist should be without it. Absolutely hardy. Height 4 feet. T. pkt. 15c; 1/8 oz. 30c; oz. \$2.00.

THALICRUM DIPTEROCARPUM WHITE—New. The bloom is of the same beautiful formation as the original purple variety, color white, anthers yellow. T. pkt. 20c.

TRITOMA—FLAME FLOWER

UVARIA GRANDIFLORA—Very striking and exceedingly ornamental Red Hot Poker or Torch Lily. The spikes are most brilliantly colored. T. pkt. 10c; 1-8 oz. 20c; oz. \$1.00.

VALERIANA RUBRA COCCINEA

Hardy plant about 2 feet tall, bearing red flowers suitable for cutting. T. pkt. 10c; oz. 60c.

HARDY VERBENA

Verbena Venosa. A very showy, blue flowering Verbena of compact growth and upright habit, in bloom continuously until late in autumn. Used extensively for bedding in the parks of Chicago. T. pkt. 10c; 1/8 oz. 25c; oz. \$1.40.

WISTARIA

CHINENSIS—Blue flowering. Easily raised from seed. Will make strong plant the first year. Perfectly hardy. T. pkt. 10c; oz. 30c; lb. \$3.00.

YUCCA AUGUSTIFOLIA—Dwarf growing variety with narrow and long leaves resembling a Dracanea. Flowers large, creamy white. Height 3 ft. T. pkt. 10c; oz. 60c.

YUCCA FILAMENTOSA—A stately plant with broad swordlike foliage and immense spikes of drooping, creamy white flowers. Strikingly beautiful. Fine as a solitary plant as well as for large rockeries. Height 6 ft. T. pkt. 10c; oz. 60c.

RUPPERT'S PRIZE WALLFLOWER

The plants are bushy and compact 20 in. in height, the foliage is light green. Individual flowers are fully as large as a silver dollar, of a fiery garnet-red color, extraordinarily beautiful. If you will raise some of this, you can be sure that your plants will sell at a good price. An excellent variety for pots and cutting. Distinct from regular "Ruppert." The old sort is dark brown in color, the variety we offer is larger and of a dazzling red. T. pkt. 15c; 1-16 oz. 35c; 1-8 oz. 60c; oz. \$4.00.

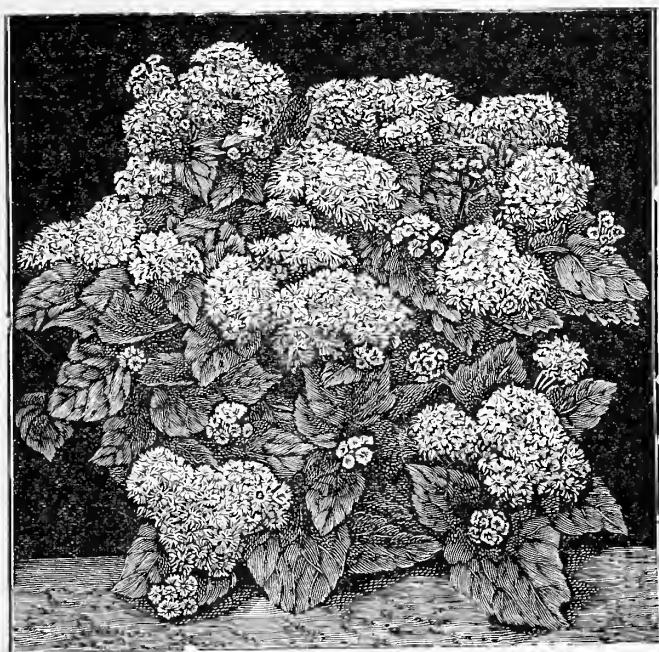
WALLFLOWER GOLIATH TRIUMPH

Immense spikes of the most brilliant crimson, individual flowers extra large in size. Of robust growth, early, an extra choice single flowering sort for pots, bedding or cutting. Fine forcer. Height 2 feet. T. pkt. 10c; oz. 80c.

Wallflowers are beautiful flowers, high class for bedding, cutting, and forcing, they possess a peculiar fragrance that cannot be matched or found in any other flower, they are easily raised and they are NOT popular in this country. Does anyone know why that is?

FLOWER SEEDS

FOR FALL AND WINTER SOWING UNDER GLASS



Ageratum Blue Perfection

AGERATUM—FLOSS FLOWER

Ageratum is an old and popular flower, easily grown from seed, blooming all summer in any soil and situation. Fine as a pot plant, for winter blooming, or for bedding in the garden. Plant 6 inches apart. To get blooming plants for spring trade, sow in February.

LITTLE BLUE STAR—The plants grow only 5 inches high and are literally covered with bright blue flowers during summer and autumn. This is the best Ageratum for edging purposes. T. pkt. 10c; oz. \$1.80; 1-8 oz. 25c.

IMPERIAL WHITE—Large pure white flowers, early and constant bloomer. This is the prettiest white Ageratum. Height 9 in. Oz. 40c; lb. \$3.20; T. pkt. 5c.

BLUE PERFECTION—This is the darkest colored of all large-flowing Ageratums with deep amethyst blue flowers, plants very even in growth; about 8 inches high. Oz. 40c; lb. \$3.20; T. pkt. 5c.

PRINCESS—Compact growing, clear sky-blue flowers with white centers, producing beautiful contrast. Height 8 inches. T. pkt. 10c; oz. 40c; lb. \$3.60.

IMPERIAL BLUE—T. pkt. 5c; oz. 40c; lb. \$3.00. Height 9 in.

TALL AGERATUM MIXED—Fine large flowered white and blue, unexcelled for flower work and as cut flower. T. pkt. 5c; oz. 20c; lb. \$2.50.

BALSAM—LADY SLIPPER

Our balsams produce masses of beautiful brilliant colored double flowers and for quality they cannot be excelled. To grow fine specimens they should not be closer than 18 inches apart. Tender annual. Height 18 to 20 inches. Mixed. T. pkt. 10c; oz. 60c.

GOLIATH MIXED—Robust growing variety with large double flowers. Height 4 feet. Fine for groups or flowering hedges. T. pkt. 5c; oz. 20c; lb. \$3.00.

BROWALLIA—AMETHYST

SPECIOSA MAJOR—This can be grown in the poorest soil and makes a grand bedding plant, blooming profusely all through our hot, dry summers, until frost. The flowers are of the most brilliant ultramarine color. Fine for baskets or vases but especially valuable as a pot plant for winter, and early spring flowering. If sown in August or September will make a fine pot plant in bloom in the spring. Tender annual. Height 12 inches. T. pkt. 10c; 1,000 seeds 60c.

ACHILLEA PERRY'S WHITE

Is a very valuable perennial. Reasons why: The flowers are more than twice the size of the Old Pearl, they are snow-white, when cut they will stand up for many days. The flowers are so much larger that they do not resemble an Achillea but look more like a small Pompon Chrysanthemum. And the plants multiply rapidly so that with a small amount of money invested you will acquire in one season a considerably large bed of them. You will have plants to sell and first class cutting material. If you are a flower grower and do not have Achillea Perry's White you are missing a good thing.

CANDYTUFT UMBELLATA

CRIMSON, WHITE, SOFT PINK, LAVENDER, MIXED. Any of the above: T. pkt. 5c; oz. 25c; lb. \$2.40.

UMBELLATA ROSE CARDINAL—New. Most excellent sort for cutting with glistening rich deep pink flowers. T. pkt. 10c; oz. 60c; lb. \$3.60.

EMPEROR IMPROVED—This is the finest of all the white varieties, producing spikes 6 inches long and 3 inches across. Unsurpassed for outdoor bedding and extensively used for forcing. Height 18 inches. T. pkt. 10c; oz. 50c; lb. \$4.00.

GIANT HYACINTH FLOWERING—Pure white, reselected florist's strain, extra. T. pkt. 10c; oz. 50c; lb. \$5.00.

CANNA—INDIAN SHOT

CANNA GIANT FLOWERING MIXED—(Indian Shot). Easily raised from seed. Soak the seeds in warm water until they show signs of swelling, then sow in sandy loam and keep in warm place: when up to the second leaf they may be set out. The seedlings bloom the first summer and since the seed is saved by ourselves from the finest large flowered varieties, such as Panama, Eureka, etc., you may be able to raise seedlings of rare beauty. T. pkt. 10c; oz. 30c; lb. \$2.25.

CELOSIA COCKSCOMB VARIETIES

CELOSIA PRES THIERS—Combs large velvety, crimson. Very dwarf. T. pkt. 10c; 1-8 oz. 15c; 1 oz. \$1.00.

GLASGOW PRIZE—Very fine dwarf form with deep velvety crimson combs. T. pkt. 10c; 1-8 oz. 15c; oz. \$1.00.

CRESTED COCKSCOMB DWARF MIXED—Contains highly improved dwarf growing varieties in all colors, such as red, pink, yellow, white, violet, etc., T. pkt. 10c; 1-8 oz. 15c; oz. \$1.00.

CRESTED COCKSCOMB TALL MIXED—Oz. 45c; lb. \$3.20; T. pkt. 10c.

CELOSIA CHRYSANTHEFLORA

Produces blooms on round, thin but stout stems 2 feet long or longer, of immense proportions more or less round, resembling the largest Japanese chrysanthemums. As all celosias it varies in shape of its blooms, also there is a percentage of flowers born on stems more or less flattened. The plants are 4 or 5 feet tall, with numerous branches at the base of the plants, each branch terminating in an attractive bloom fine for fresh or dried bouquets. It originated in Kansas City where the florists were selling selected and perfect blooms for as high as \$1.50 each.

CELOSIA CHRYSANTHEFLORA CRIMSON—Seed saved only from perfect blooms. Although we are growing this seed for some time and are roguing it rigidly, it contains a small percentage of off colors. T. pkt. 15c; 1-16 oz. 30c.

CELOSIA CHRYSANTHEFLORA MIXED—The colors are crimson, yellow, orange, violet, white and many intermediate shades. This is still less fixed than the above, the plants growing from 2 to 5 feet tall with some blooms perfectly round and others nearly flat, all beautiful, never failing to bring forth admiration. T. pkt. 10c; 1-16 oz. 25c.

NEW GIANT SNAPDRAGON—(Maximum)

These giant flowered Snapdragons are every bit as beautiful and grand as gladioli and the fact that they are in full bloom long before gladioli, when grown outdoors, makes them so much more valuable and welcome.

They represent a marked advance over the older Tall Large Flowered type in size and brilliancy of colors. The spikes are 3 to 4 feet tall with flowers well placed. Excellent for outdoor culture. If you sell plants to the public it will pay you to have a supply of these Giant Flowered varieties. There is a steady call for the plants of the Tall Snapdragons.

ORCHID—Color an exquisite shade of mauve pink. Never fails to attract favorable attention. A wonderful flower.

PINK GLORY—Apple blossom pink, yellow lip. A delicate and pleasing color.

DEFIANCE—Fine, long spikes of fiery red bloom a suffusion of brilliant orange and a glow of rich scarlet. High class either by day or under artificial light.

VENUS—White with a rosy tint a delicate, and appealing shade, flowers well placed and frilled.

COPPER KING—Velvety copper scarlet of giant size.

FASCINATION—A delightful combination of rose pink and yellow blending into a warm, soft rose shade. Very free bloomer.

CANARY BIRD—Canary yellow, golden yellow center. Massive, well formed spikes.

SNOWFLAKE—Pure white, yellow tube a profuse bloomer.

Price: Any of the above, T. pkt. 15c; 1-8 oz. 25c; oz. \$1.60.

CELOSIA FEATHERED VARIETIES

PLUMOSA MAGNIFICA—Feathered Cockscomb. Mixed. Height 30 inches. T. pkt. 10c; oz. 45c; lb. \$5.00.

CELOSIA PRIDE OF GOULD—Does not come true from seed. You may expect almost anything in the way of flowers. Some flowers will be shaped like an Ostrich Plume, others will come near Chinese Wool flower, still others will bear a multitude of slender tail-like flowers and all these in all kinds of very bright colors and every one beautiful. T. pkt. 10c; 1-8 oz. 50c.

CELOSIA CHILDSII—Same as Chinese Woolflower which see.

PLUMED COCKSCOMB MIXED—Oz. 45c; lb. \$3.20; T. pkt.

10c.

CHINESE WOOLFLOWER

CELOSIA CHILDSII—A beautiful variety, 2-3 feet. high, fairly compact and bushy, producing large attractive heads of feathery flowers, fine for fresh or dried bouquets. The colors are: CRIMSON—PINK—YELLOW—MIXED. Any color: T. pkt. 10c; 1-8 oz. 30c; oz. \$2.00.

CENTAUREA CYANUS—CORNFLOWER

CENTAUREA CYANUS or Bachelor's Button if sown in August will give an early winter crop of splendid flowers, in a cool greenhouse. Start the seeds in pots or sow thinly direct into beds.

DOUBLE PINK, DOUBLE BLUE, DOUBLE MIXED.

Any of the above: T. pkt. 10c; oz. 50c; lb. \$4.50.

CLARKIA

DOUBLE WHITE, DOUBLE APPLE BLOSSOM PINK, DOUBLE SCARLET QUEEN, DOUBLE SALMON QUEEN, DOUBLE RICH ROSE (Queen Mary.) FINEST DOUBLE MIXED. Any color: T. pkt. 5c; $\frac{1}{8}$ oz. 10c; oz. 60c; lb. \$4.80.

CLEVELAND CHERRY

The plants look like small trees loaded with round, when ripe, bright red cherries that attract attention wherever shown and make a good house plant. Sow the seed outdoors when danger of frost is past, in the fall pot the plants and keep indoors. Height 15 inches. In the field space the plants 14 inches to insure shapely and bushy plants. If you want extra heavy plants for 6 in. pots or larger, start the seed in January, lift and pot the plants early in September and grow them in rather poor soil. In rich soil they do not set fruit as freely as in poor soil. T. pkt. 15c; 1-8 oz. 35c; oz. \$2.00.

COLEUS, FINEST MIXED—This contains the finest varieties of coleus with leaves which often measure 10 inches in length and 8 inches in width, heartshaped and handsomely crimped, toothed and frilled, their color combinations are remarkably rich, comprising all the reds, metallic green and yellows in shades in the most delicate to nearly black. T. pkt. 15c; $\frac{1}{2}$ oz. 45c; $\frac{1}{4}$ oz. 80c; $\frac{1}{8}$ oz. \$1.50; oz. \$11.00.

COLEUS—Fine mixed. T. pkt. 10c; $\frac{1}{2}$ oz. 20c; $\frac{1}{4}$ oz. 35c; $\frac{1}{8}$ oz. 55c; oz. \$3.50.

COBAEA SCANDENS—CLIMBER

CATHEDRAL BELLS—A rapid growing, tender perennial generally treated as an annual. The flowers are bell shaped and of purplish lilac, the foliage is never attacked by insects.

Seeds should be placed on edge in planting.

Of all summer climbers Cobaea is the finest and equally good in sun or shade. T. pkt. 5c; oz. 40c; lb. \$4.00.

FREESIA REFRACTA ALBA

A bulbous plant, easily raised from seed and bearing beautiful white, fragrant flowers, excellent for cutting, six months after sowing. Sow in flats and transplant when the bulbs have formed. Bulbs planted early in August will bloom for Christmas. Blooming plants may be had by successional planting up to June, then the plants should be allowed to dry gradually and left at rest through the summer. Height 1 foot. T. pkt. 10c; oz. 45c; lb. \$4.00.

FREESIA NEW HYBRIDS—Easily raised from seed of the same vigorous habit of growth as the preceding variety. The flowers comprise many colors such as pink, mauve, shades of red, yellow, etc. All very beautiful. Seed sown early in March will produce an abundance of bloom in September. T. pkt. 20c; $\frac{1}{8}$ oz. 30c; oz. \$2.00.

GERANIUM

These grow easily from seed and produce blooming plants the first summer.

LARGE FLOWERING MIXED—This mixture includes the finest Zonal varieties with flowers of the most perfect form. T. pkt. 15c; $\frac{1}{8}$ oz. 25c; oz. \$1.40.

GERBERA—TRANSVAAL DAISY

A new and entirely distinct plant of uncommon beauty with daisy like blossoms 4 to 6 inches across, borne on long, stiff stems, unsurpassed as cut flowers, being of splendid lasting substance.

Seed sown in sandy soil, kept moderately moist, produces plants large enough to handle in 6 weeks and blooming plants in 6 months. Treat same as you do carnations. In benches, the plants must have 8 to 10 inches of soil for best results and they should be transplanted every second year. If in a natural bed they may stay 3 or 4 years without transplanting. A half hardy perennial. As a rule taken up in the North before heavy frosts and wintered over in a cold frame. It will winter well even in the North if covered up with shallow boxes filled with dry straw. Height 18 in.

SPECIAL MIXTURE—Contains the French and German strains that have created a sensation in the floral world. 20 seeds, 15c; 100 seeds, 50c; 1,000 seeds, \$3.50.

GREVILLEA ROBUSTA—SILK OAK

Sow any time. For spring sales in June or early August transplant in 2 inch pots direct from the pan as soon as large enough to handle and shift on as required. This plant will stand more neglect than anything we know of, is cheaply raised requiring only very low temperature to keep on growing, and takes the place of Boston ferns and for window boxes there is nothing better. The foliage is fern like. T. pkt. 10c; $\frac{1}{8}$ oz. 15c; oz. 80c; lb. \$6.00.

HELIOTROPE

Highly valued for the fragrance of its flowers, which have a strong vanilla perfume. Easily grown from seed; a splendid plant for florists. Sow in January to March, pot off and shift as necessary. Will bloom in May or June. Make cuttings in July for winter flowers. Must have good drainage and never suffer from lack of water.

MAMMOTH MIXED—(*Gigantheum*). Tall growing varieties with large strongly perfumed flowers. T. pkt. 15c; 1-8 oz. 20c; oz. \$1.20.

QUEEN MARGUERITE—This is the finest dwarf extra large flowered, strongly scented variety, with deep blue flowers. T. pkt. 15c; 1-8 oz. 20c; oz. \$1.20.

IPOMEA—CLIMBER

IPOMEA SETOSA—(Brazilian Morning Glory). A very rapid growing vine, that forms a most dense and attractive screen. The flowers are rose colored and measure three inches across and are borne in large clusters. 1 oz. 20c; lb. \$2.60; T. pkt. 5c.

BONA NOX—(Evening Glory). Violet flowers, large and fragrant. T. pkt. 5c; oz. 25c; lb. \$1.60.

IPOMEA HEAVENLY BLUE—Start the seeds in pots in March and plant out doors when danger of frost is past. A rapid grower, bearing as many as 200 very large most beautiful sky blue flowers at a time. T. pkt. 10c; oz. 60c; lb. \$7.00.

GIANT MOONFLOWER, I. NOCTIFLORA

Very showy of the annual climbers, easily reaching a height of 25 or 30 feet. At night and during dull days the plants are covered with large, pure white fragrant flowers, 5 to 6 inches in diameter. T. Pkt. 10c; oz. 30c; lb. \$3.20.

IPOMEA ROCHESTER—Rochester Morning glory. Flowers deep blue with a wide white band around the edges. Splendid. T. pkt. 10c; oz. 45c; lb. \$5.00.

IMPATIENS SULTANI

Easy to raise from seed and indispensable for window boxes and bedding also as a house plant, as they will bloom profusely even in the darkest shade, where hardly anything else would grow let alone bloom. The flowers are waxy like. Brilliantly colored in all shades of red. Plant 10 inches apart. Height 18 inches. T. pkt. 15c; 1-32 oz. 30c; 1-8 oz. 80c.

LARKSPUR LA FRANCE

Tall Stock Fld. Double type, vigorous, compact, bearing quantities of beautiful spikes of double, large, well placed flowers of a most beautiful shade of salmon pink. T. pkt. 20c; $\frac{1}{8}$ oz. 30c; oz. \$1.00; lb. \$14.00.

LARKSPUR LOS ANGELES

Double, Tall Stock-Flowered type of same manner of growth as La France but with a deeper, richer color, that between La France and Rosy Scarlet, in other words brilliant and pleasing rose on rich salmon ground. Particularly lovely under artificial light. T. pkt. 20c; $\frac{1}{8}$ oz. 40c; oz. \$3.00.

LANTANA

This is a showy bedding and basket plant of rapid growth, fine for pot culture in the winter or garden decoration in the summer. Verbena-like heads of orange, white, rose and other colored flowers. Tender perennial. Height 1 to 2 feet.

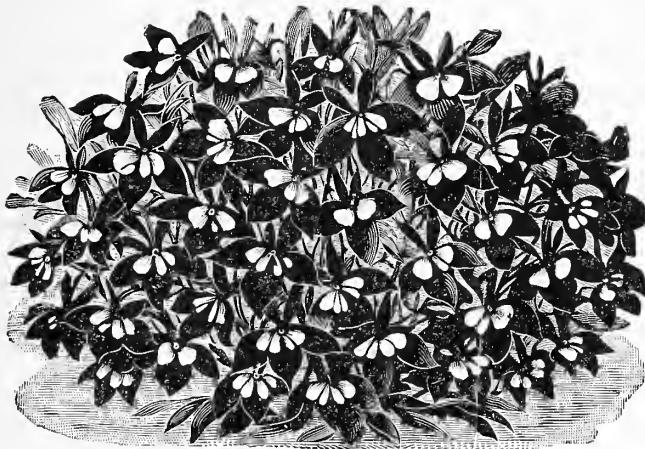
Compact growing dwarf hybrids in all colors. T. pkt. 10c; oz. 60c; lb. \$5.00.

ANNUAL LARKSPUR

WHITE, BRIGHT ROSE PINK, BLACK BLUE, DARK BLUE, EXQUISITE PINK, LILAC, LUSTROUS CARMINE, NEWPORT PINK, ROSY SCARLET, SHELL PINK, SKY BLUE, MIXED. Any of the above. T. pkt. 5c; oz. 45c; lb. \$4.20.

LARKSPUR HYACINTH FLOWERED

This new Giant Hyacinth Flowered Larkspur produces fine long spikes with few or no laterals. Should be planted close. Under glass space the plants six inches apart across the bench and three inches apart in the rows. Ready three weeks earlier than the larger growing Tall Stock Flowered kind. Height 4 ft. We offer the two best colors produced so far. VIOLET-BLUE—ROSE-PINK—LILAC—WHITE—MIXED. Either color: T. pkt. 10c; oz. 40c; lb. \$4.00.

LOBELIA

Lobelia Bedding Queen

BEDDING QUEEN—Dark blue with clear, defined white eye, one of the best for bedding and ribboning. Very dwarf. T. pkt. 10c; 1-8 oz. 25c; oz. \$1.60.

CRYSTAL PALACE COMPACTA—The finest for bedding of compact, erect growth, deep blue. T. pkt. 10c; 1-8 oz. 30c; 1 oz. \$1.80; lb. \$24.00.

GRACILIS—Light blue trailing and tall. T. pkt. 5c; 1-8 oz. 10c; oz. 60c; lb. \$6.00.

BARNARD'S PERPETUAL—Deep blue with large, white eye, very fine trailing variety. T. pkt. 10c; 1-8 oz. 25c; oz. \$1.60.

HYBRIDA PENDULA SAPPHIRE—Beautiful variety for hanging baskets with large blue flowers and large white eyes. T. pkt. 10c; 1-8 oz. 35c; oz. \$2.50.

WHITE GEM—Splendid large flowered pure white bedding variety. T. pkt. 10c; 1-8 oz. 20c; oz. \$1.40.

LOBELIA SPECIOSA—Dark blue, trailing for hanging baskets. 1 oz. 80c; 1-8 oz. 15c; lb. \$10.00; T. pkt. 10c.

LOBELIA CARDINALIS—(Cardinal Flower). A native perennial forming long spikes thickly set with bright crimson flowers. Height 3 feet. T. pkt. 15c; 1-8 oz. 50c; oz. \$3.80.

MATRICARIA—FEVERFEW

Sow in March in shallow boxes (2 inches deep). When the plants are large enough to handle, transplant into another box and set out in the open in May.

MATRICARIA EXIMIA GOLDEN BALL—Of compact habit, suitable for edging, with very striking double yellow flowers. T. pkt. 10c; oz. \$1.00; lb. \$14.00.

MATRICARIA CAPENSIS ALBA PLENA—Free-flowering plants of bushy habit, bearing quantities of snow-white double flowers in dense clusters almost covering the plant. Fine for pot culture and for cutting. Tender perennial, blooming the first year from seed. T. pkt. 10c; oz. 45c; lb. \$4.80.

MAURANDIA—CLIMBING SNAPDRAGON

A beautiful annual climber with clean, dark green, dense foliage. Sow the seed in March and plant outdoors in May. The flowers resemble those of snapdragon in shape and are of many colors and shadings. The seed we offer is of the largest flowered varieties in mixture. Height 10 feet. T. pkt. 15c; oz. 45c; lb. \$2.40.

MESEMBRYAMTHEMUM—(Ice Plant). T. pkt. 5c; oz. 40c; lb. \$3.00.

LOBELIA RAMOSA

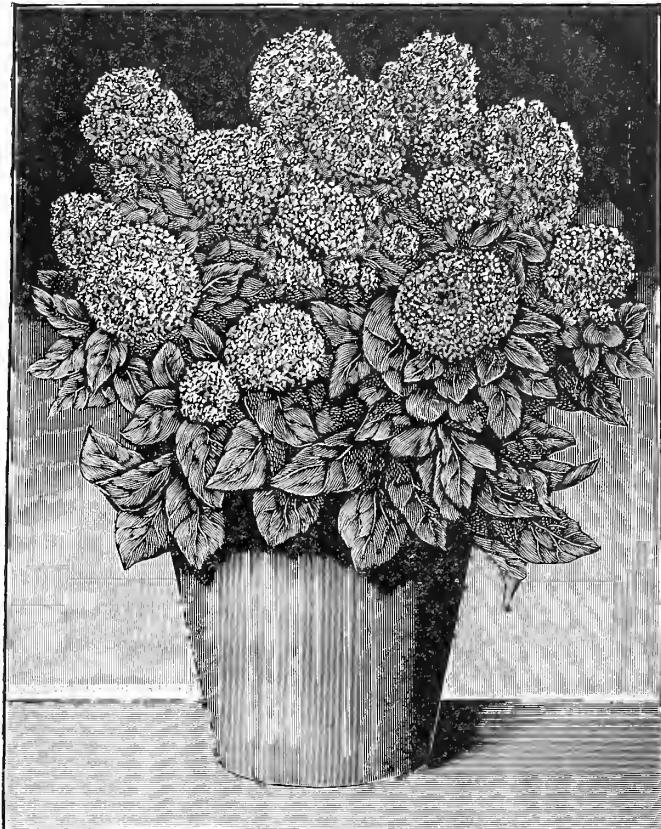
A new race of Lobelias of extremely vigorous growth, producing flowers much larger in size than heretofore seen in Lobelias of intensely dark luminous blue. The plants grow to a height of 18 inches, they are of neat compact growth, high class for any purpose. T. pkt. 20c; 1-8 oz. 60c.

DOUBLE LOBELIA "CHARM"

This charming beautiful new Lobelia is of neat, shapely, compact growth, the plants are round, stems and foliage a rich purple, covered throughout the season with large double flowers of an intense blue. Height 10 in. T. pkt. 40c; 1/8 oz. \$1.00.

LOBELIA RED QUEEN

Of compact, erect growth, foliage dark green, resembling in manner of growth the Crystal Palace Compacta variety. The flowers rich velvety red, a beauty indeed. Height 10 in. T. pkt. 10c; 1/8 oz. 25c; oz. \$1.80.



Mignonette New York Market

NEW YORK MARKET—A strain which cannot be surpassed for the greenhouse, producing immense flower spikes, was saved for us by one of the largest growers of Mignonette for the New York Market. T. pkt. 20c; 1-16 oz. 35c; 1-8 oz. 55c; oz. \$4.00.

GOLIATH—Forms pyramidal bushes of compact habit, bearing large spikes of flowers often measuring 6 to 8 inches long by 2 1/2 inches in diameter. The florets are fire-red and contrast effectively against the healthy rich green foliage. T. Pkt. 10c; 1-8 oz. 15; 1 oz. 80c; lb. \$12.00.

BISMARCK—A highly improved Machet. 1-8 oz. 10c; 1 oz. 60c; lb. \$8.00; T. pkt. 10c.

MACHET—The most popular and best Mignonette for all purposes, either outside or inside. Ever-blooming, the flowers last till late autumn. Highly fragrant. Our seed is the finest strain from a noted German specialist. T. pkt. 10c; 1 oz. 60c; lb. \$8.00.

MIMULUS

MIMULUS MOSCHATUS—(Musk Plant). Fine for hanging baskets, fragrant foliage, yellow flowers. Half hardy perennial. Height 6 inches. T. pkt. 10c; 1/2 oz. 20c.

MIMULUS TIGRINUS—(Monkey Flower). The finest tigrid and spotted varieties, rivaling the Calceolaria in its bright colors. Mimulus thrives best in a moist and shady place. Finest mixed. T. pkt. 10c; 1-32 oz. 15c; oz. \$3.00.

MIMOSA PUDICA—SENSITIVE PLANT

A curiosity among flowers; the fern-like leaves closing when touched and a clump of plants are quite a sight when hit by a handful of sand. They close their leaves instantly, producing a whisper-like noise. Plant 6 inches apart. Height 1 to 2 feet. Pkt. 5c; oz. 40c.

PETUNIAS

Bedding varieties are of the easiest culture and should be sown directly to where they are to stand after all danger from frost is over. They produce masses of small blooms. Height 9 inches. The large flowered varieties are best started in the house or frame during February and March and transplanted to the best spot in the garden. In transplanting, save all the less robust seedlings, as these are likely to produce the finest flowers. Petunias love plenty of water; must never be chilled, and should be spaced 15 inches apart. Height of large flowered sorts, 15 inches.

DOUBLE PETUNIA—While a fair percentage of Double Petunia seed will produce double flowers, some will not, but the slugs will be of unusual fine quality, richly colored and finely marked. The weaker seedlings should be carefully saved, as these generally produce the finest double flowers. Our mixture is composed of the best and largest strains grown. T. pkt. 30c; 1,000 seeds \$1.25; 1-64 oz. \$3.50.

PETUNIA GIANT FLOWERING SINGLE

CRIMSON BELLE—Very large flowers, dark crimson, boldly waved and frilled. T. pkt. 20c; 1,000 seeds, 75c.

JUNE—Plant of semi-dwarf bushy habit and robust growth with fringed pure white flowers veined crimson, very charming and effective. T. pkt. 15c; 1,000 seeds, 75c.

MIRANDA—Very large fringed flowers of brilliant scarlet rose color. T. pkt. 20c; 1,000 seeds, 75c.

ROYAL PURPLE—Very beautiful intense violet purple. T. pkt. 15c; 1,000 seeds, 55c; 1-32 oz. \$1.35.

PETUNIA BALCONY QUEEN—An extra large flower, larger than any other type of Balcony Petunias, deep velvety blue with rays and blotches of pure white of striking beauty. A most conspicuous and beautiful variety that no florist should overlook. T. pkt. 15c; 500 seeds 45c; 1000 seeds 75c; 1/4 oz. \$2.50.

GIANT RUFFLED—The flowers of this strain are ruffled and fringed, colors rich and gorgeous, with charming deep throats of various shades. T. pkt. 25c; 1-32 oz. \$1.50; 1-16 oz. \$2.75.

GIANTS OF CALIFORNIA—Blooms of immense size. The flowers frequently measure more than 5 inches in diameter, while the colors are indescribably rich and varied, beautifully fringed and have a large open throat, superbly marked and veined. T. pkt. 25c; 1-32 oz. \$1.50; 1-16 oz. \$2.75.



CREAM OF THE GIANTS—Produces flowers of maximum size, all beautifully veined and fringed, in the greatest variety of colors. There are self colored blossoms, rich and gorgeous, others of lovely delicate shades and still others of a combination of colors, blotched and margined all of incomparable beauty. T. pkt. 35c; 1-32 oz. \$1.75; 1-16 oz. \$3.25; 1-8 oz. \$6.25; oz. \$48.00.

BEDDING PETUNIAS

DWARF INIMITABLE—Deep rosy pink flowers with a white star. T. pkt. 10c; 1/8 oz. 15c; oz. \$1.00.

ADONIS—Deep rosy red with white throat. T. pkt. 10c; 1-8 oz. 25c; oz. \$1.40.

BABY BLUE—Deep violet with white throat. T. pkt. 10c; 1-8 oz. 25c; oz. \$1.40.

COUNTESS OF ELLESMORE—Rosy pink with white throat. T. pkt. 10c; 1/8 oz. 15c; oz. 80c.

GENERAL DODDS—Darkest red, very fine. T. pkt. 10c; 1-8 oz. 25c; oz. \$1.60.

HOWARD'S STAR—Dark, velvety crimson with a five pointed white star. T. pkt. 10c; 1/8 oz. 20c; oz. \$1.20.

PETUNIA FINE MIXED—Includes all the known colors of the small flowered bedding varieties. T. pkt. 10c; oz. 80c; lb. \$5.75.

COMPACT BEDDING PETUNIAS

These grow erect, very compact and are a splendid class for bedding, flower boxes as well as for pot culture.

ROSY MORN—Throat silvery white, outer edge heavily shaded soft rose pink. T. pkt. 10c; 1-8 oz. 40c; oz. \$2.00.

GLORIA—Dazzling carmine rose, perfectly charming flower. T. pkt. 10c; 1-8 oz. 35c; oz. \$2.50.

SNOWBALL—Pure white. T. pkt. 5c; 1-8 oz. 25c; oz. \$1.70.

NORMA—Beautiful variety, flowers blue with white star. T. pkt. 10c; 1-8 oz. 35c; oz. \$2.50.

RITA—Rich deep violet-blue, very conspicuous. T. pkt. 10c; 1-16 oz. 60c; 1 oz. \$8.00.

ROSE OF HEAVEN—Fiery pink flowers on short compact globular bushes literally covered with bloom and especially effective as a pot plant. More compact and more attractive than the popular Rosy Morn variety. T. pkt. 10c; 1-8 oz. 40c; oz. \$3.00.

PETUNIA COMPACTA FINEST MIXED—Contains all the compact, short, upright growing bedding varieties in the many colors. T. pkt. 10c; 1/8 oz. 25c; oz. \$1.80.

ANNUAL DWARF PHLOX

Unsurpassed for edgings and ribbon beds and as a pot plant. They grow about 8 inches in height, forming dense masses of bloom all summer. Plant 8 inches apart.

FIREBALL—Dark and most brilliant red. T. pkt. 10c; 1-8 oz. 30c; oz. \$2.20.

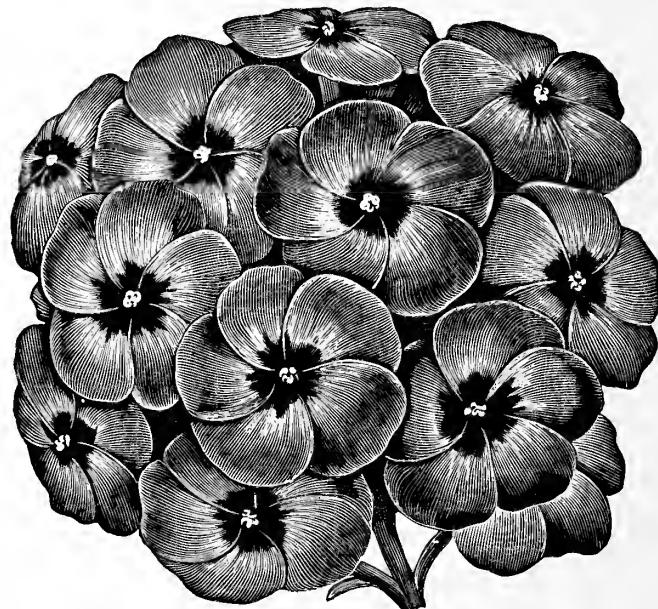
FAIRY—Beautiful pink shade. T. pkt. 10c; 1-8 oz. 30c; oz. \$2.20.

SNOWBALL—Pure white. T. pkt. 10c; 1-8 oz. 30c; oz. \$2.20.

VIOLETTA—Blue with white eye. T. pkt. 10c; 1-8 oz. 30c; oz. \$2.20.

MIXED—T. pkt. 10c; 1-8 oz. 30c; oz. \$2.20.

STAR PHLOX—Dwarf growing, with beautiful star shaped flowers in many colors. T. pkt. 10c; 1-8 oz. 15c; oz. \$1.00.



Phlox Grandiflora Mixed

PHLOX DRUMMONDI GRANDIFLORA

The finest of all annual Phloxes, with largest heads of bloom as well as the largest individual flowers. Plant a foot apart. Height 15 inches.

ALBA—Snow white. **COCCINEA**—Fiery scarlet. **ROSEA**—Pink.

VIOLACEA—Violet-blue. **MIXED**—Any color. T. pkt. 10c; 1/8 oz. 15c; oz. \$1.00.

PHLOX PERENNIAL

Our mixture contains improved strains forming extra large perfectly round flowers, with petals overlapping each other. The seed of this germinates slowly, often requiring 5 to 6 months. Mixed. 35 seeds, 10c; 1-8 oz. 30c; oz. \$2.20.

Expensive? No! The Right Thing is Never an Extravagance!

OXALIS ROSEA DELICATA

A neat, compact growing plant that blooms at all times, summer or winter, always covered with charming bright salmon pink flowers, fine as a house plant, for hanging baskets, borders, etc. Height 6 inches. Tender. Pkt. 15c; 1-16 oz. 50c; oz. \$6.00.

OXALIS TROPALEOIDES—Hardy perennial, foliage reddish brown, highly ornamental, flowers yellow. Unexcelled for classy carpeting and borders, for pots and rockeries. Height 3 inches. T. pkt. 10c; 1-16 oz. 25c; oz. \$3.00.

RICINUS—CASTOR BEAN

ZANZIBARIENS—The gigantic leaves, 2 feet and 1 foot across and the great size of the plant surpass any other known Ricinus. Mixed varieties with green, brown or purplish leaves. T. pkt. 5c; 1 oz. 10c; 1-4 lb. 40c; lb. \$1.50.

ZANZIBARIENS ENORMIS—Grows 15 to 20 feet high in one season and is the biggest of the Ricinus family. Foliage bright green. T. pkt. 10c; oz. 20c; 1-4 lb. 60c; 1 lb. \$2.20.

SPECIAL MIXTURE—Contains all of the above named varieties as well as other varieties. T. pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$2.00.

SALVIA SPLENDENS

When transplanting see to it that you plant the seedlings at the same depth they stood before you lifted them. If you will plant deeper they will rot and you will lose them. It is all right to set most plants deeper than they stood, but it does not work with Salvia.

SALVIA SPLENDENS—One of the most gorgeous flowers blooming throughout the summer and fall. The plants grow 3 feet in height and are completely covered with scarlet flowers. 1 oz. \$1.40; 1-8 oz. 20c; 1 lb. \$20.00; T. pkt. 10c.

BONFIRE OR CLARA BEDMAN—Of compact growth forming oval bushes covered by flower spikes of brilliant scarlet, clear above the foliage. Brilliantly effective for bedding either planted alone or in front of other plants. Height 2 feet. T. pkt. 10c; 1-8 oz. 25c; oz. \$1.60; lb. \$2.20.

ZURICH—Produces flowers in such great numbers that they cause the spikes to droop gracefully with their weight. The flowers are of a brilliant, dazzling scarlet, and borne in endless profusion all summer and fall. The bushes grow to a height of 3 feet and are about 3 feet through and bloom from ground to summit. A row of these Salvias presents a most gorgeous effect. Height 2 feet. T. pkt. 15c; 1-8 oz. 30c; 1 oz. \$1.80; 1 lb. \$28.00.

AMERICA—A fine variety of compact, bushy growth, producing large heavy spikes of fiery scarlet flowers. T. pkt. 10c; 1-8 oz. 30c; oz. \$2.00; 1 lb. \$28.00.

FIREBALL—Robust growing variety, producing globular bushes, studded with dazzling scarlet spikes of bloom. T. pkt. 10c; 1-8 oz. 30c; 1 lb. \$28.00; oz. \$2.00.

DROOPING SPIKES—Extra large flowering, the spikes are very long and heavy, causing them to droop by their own weight. A splendid variety. Height 2 1/2 feet. T. pkt. 10c; 1-8 oz. 30c; 1 oz. \$1.80; 1 lb. \$28.00.

PATENS—Ultramarine blue, beautiful flowers. Tender perennials; the roots may be wintered over inside like Dahlias. Height 2 feet. T. pkt. 25c.

FARINACEA—A perennial variety producing tall spikes of silvery lavender blooms from a dense mass of foliage. T. pkt. 10c; 1/4 oz. 20c; oz. \$1.00.

SALVIA AZUREA GRANDIFLORA—A hardy perennial variety producing spikes of intense sky-blue flowers in great profusion. Height 2 to 3 feet. T. pkt. 10c; 1-8 oz. 20c; 1 oz. \$1.20; lb. \$18.00.

SMILAX—CLIMBER

A graceful, tuberous rooted, perennial climber, none surpassing it for its glossy deep green most delicate foliage. Fine for vases and basquets.

Sow from December to March, soak the seed 24 hours before sowing. Height 6 to 10 feet. T. pkt. 5c; oz. 30c; lb. \$3.20.

TORENIA

POURNIERI GRANDIFLORA—A charming dwarf-growing annual with blooms in which deep and sky blue as well as golden yellow is blended in a charming fashion, and thriving under the hardest of conditions. Will do well in rich soil as well as in dry sand, along with cacti or in moist and shady places, and is invaluable for the South, where it is used in the same way as pansies in the North. Makes a great plant for hanging baskets or window boxes, also fine as pot plant and for bedding.

Of easiest culture. Sow the seed in January and February and when all danger of frost is past set outdoors 8 inches apart. It forms neat rounded bushes. T. pkt. 10c; 1-8 oz. 30c; oz. \$2.00.

VINCA ROSEA

	T. Pkt.	1 Oz.	1 Lb.
WHITE	\$0.10	\$0.80	\$8.00
WHITE with crimson eye	.10	.80	8.00
PINK	.10	.80	8.00
MIXED	.10	.80	8.00
VINCA DELICATA—Soft pink	.10	.80	8.00

TRACHELIUM COERULUM

Hardy perennial treated as annual of same usefulness as Gypsophila, much grown under glass. To have blooms for winter start the seed in August. Grow cool. Flowers in dense heads, dark blue. T. pkt. 15c; 1-16 oz. 35c.

YOU CAN SOW EARLY IN WINTER

also the following: Alyssum, Antirrhinum, Asparagus, Begonia, Bellis, Calceolaria, Calendula, Carnation, Cyclamen, Cineraria, Chrysanthemum, Dracanea, Myosotis, Gloxinia, Gypsophila, Elegans (if under glass, do not sow this before January 1st), Hollyhocks, Pansy, Schizanthus, offered elsewhere in this catalog.



Mammoth Verbena

MAMMOTH FLOWERING VERBENA

BLUE WITH WHITE EYE, DEFIANCE SCARLET, YELLOW, ITALIAN STRIPED, PINK, PURPLE, WHITE, MIXED. Any of the above: T. pkt. 10c; 1-8 oz. 15c; oz. \$1.00.

FIREFLY—Dazzling scarlet flowers with large white eye. T. pkt. 10c; 1-8 oz. 20c; oz. \$1.25.

MAYFLOWER—Large bright pink. T. pkt. 10c; 1-8 oz. 20c; oz. \$1.25.

ROYAL BOUQUET—New. The plants grow upright 18 inches high, forming neat close bushes. The stalks carry large brilliantly colored blooms in heads 10 inches across. The colors are white, scarlet, several shades of red, deep violet, and mauve and some have large white eyes. Fine for bedding, cutting and excellent to grow in pots. T. pkt. 20c; 1-8 oz. 40c; oz. \$2.80.

VERBENA SPECIAL MIXTURE—Contains all the mammoth flowering varieties listed by us as well as other new colors. T. pkt. 10c; 1-8 oz. 15c; oz. \$1.00; lb. \$14.00.

VERBENA MIXED—Old type, flowers of fair size, T. pkt. 5c; oz. 60c; lb. \$6.00.

VERBENA CITRIODORA—Lemon Scented Verbena. A low growing tender plant which may be grown in the garden in summer and in pots in winter. The dried, highly scented leaves are used for perfuming. Height 3 feet. T. pkt. 10c; 1/4 oz. 25c; oz. \$1.60.

NEW GIANT VERBENAS

Individual flowers over an inch in diameter. Gorgeous colors, brought out further by the fact that the blooms combine into immense flower-heads, appearing from midsummer until frost. Giant Verbenas represent a great step forward and are bound to become widely popular.

SNOWFLAKE—Pure white, extra large well shaped heads.

ETNA—Rich scarlet, large, deep cream eye.

ROYALE—Rich deep royal blue with a large creamy yellow eye. Magnificent flower heads, the flowers over an inch and quarter in diameter.

LUMINOSA—Glowing flame pink, shading to salmon.

ROSE CARDINAL—Luminous, deep rose pink with large white eye.

MIXED—Includes all the above named varieties.

Price: Any of the above T. pkt. 20c; 1/4 oz. 35c; oz. \$2.00.

ZINNIA "DELIGHT"

New Zinnia of the Pumila type, very floriferous and of neat compact growth. The petals of the flowers are ruffled and curled, giving a light and dainty effect. Each petal is beautifully plote, making it a most striking flower. This is an excellent variety for basket work and florists' use in general. The assortment of colors includes salmon shades, cream, buff, biscuit, golden yellow and lavender. T. pkt. 15c; 1-8 oz. 40c; oz. \$2.80.

ZINNIA MISS WILLMOTT

A masterpiece of the Bodger's Giant type, with splendidly formed flowers that are flat, not showing the reverse of petals, of most pleasing delicate salmon-pink. A high class florists' and show flower. T. pkt. 15c; 1-8 oz. 25c; oz. \$1.40.

HARDY PERENNIALS

Achillea Perry's White Of all Achilleas of this type, this is the best. The flowers are perfectly double, inch across, snow-white, on stalks 20 in. long. In bloom from June till August. \$1.00 per 10; \$7.00 per 100.

Achillea Aurea Very choice variety, producing extremely double, lustrous golden-yellow flowers in flat heads in May and June. Height 1 ft. \$1.50 per 10; \$12.00 per 100; strong 2 year old plants.

Aconitum Spark's Variety Of uncommon beauty and that should prove a paying proposition to the commercial flower grower. Spark's Aconitum grows 3 ft. tall, the bold spikes of hood shaped flowers are of the darkest blue, produced during July and August. Does well in sun or shade and multiplies rapidly if planted in good soil. Strong field grown plants 3 for 75c, 10 for \$2.20, 100 for \$20.00.

Anthemis Kelwayi Hardy Marguerite. An excellent and profitable perennial for cutting. Flowers golden-yellow, daisy-like, from June to almost frost. \$1.00 per 10; \$8.00 per 100; strong 2 year old plants.

AQUILEGIA—COLUMBINE

Mrs. Scott Elliott Hybrids The largest and finest of all. Very wide range of colors. Strong 2 year old plants, \$1.00 per 10; \$9.00 per 100; \$80.00 per 1000.

Aquilegia Rose Queen Beautiful, large flowered, long spurred, rich pink variety. Strong 2 year old plants, \$1.10 per 10; \$10.00 per 100; \$90.00 per 1000.

Artemisia Abrotanum Old Man or Southern-wood. A shrubby perennial with dark green, finely cut foliage, with pleasant aromatic odor. Bears no flowers. Height 4 ft. \$1.00 per 10; \$8.00 per 100; strong plants.

Artemisia Lactiflora Highly ornamental, perfectly hardy and of vigorous growth. Neat fern-like foliage, flowers white, sweetly scented, borne in clusters on stalks 4 ft. high. Fine cut flower. Space 10 in. apart. 3 for 50c, 10 for \$1.10, 100 for \$10.00.

Artemisia Silver King Perfectly hardy, of vigorous growth, producing numerous sprays of silvery-gray foliage which can be used as a filler with flowers, fresh or dried. Height 30 in. Space 15 in. apart. 3 for 65c, 10 for \$1.00, 100 for \$14.00.

Asclepias Tuberosa Perfectly hardy native perennial in bloom during July and August. Flowers in large flat heads, of bright orange, strikingly beautiful. Suitable for cutting. Height 2 ft. 3 for 55c, 10 for \$1.30, 100 for \$12.00

HARDY ASTERS

Alpinus Superbus Goliath Large daisy-like flowers, deep lavender in color, on stalks 10 in. high. An extra choice, readily salable hardy plant, in bloom during May and June. \$1.00 per 10; \$8.00 per 100; \$70.00 per 1000; strong 2 year old plants.

Amellus Elegans Large, showy, rich bluish-violet flowers during July and August. Height 15 in. \$1.50 per 10; \$10.00 per 100; strong 2 year old plants.

Blue Gem Large, rich violet-blue. Darkest of the blue varieties of good form and size. Double. In bloom in August and September. Height 3 ft. \$1.00 per 10; \$70.00 per 100; \$60.00 per 1000; strong 2 year old plants.

Climax Extra good variety and a high class cut flower. Large spikes, lavender blue, from August to mid-October. \$1.50 per 10; \$10.00 per 100.

Mons Distinct reddish violet-blue. Large perfect flower in conspicuous and graceful clusters. Of refined character, useful in autumn hampers and general bouquets. Height 3 ft. \$1.00 per 10; \$7.00 per 100; \$60.00 per 1000.

Perry's White Free flowering of perfect habit, white shaded per 100. lavender. Height 4 ft. \$1.50 per 10; \$10.00

Bleeding Heart—See Dicentra.

Babtisia Australis Dark blue, wisteria-like flowers, spikes upright, borne high above the neat ornamental foliage. Height 3 ft. \$1.50 per 10; \$10.00 per 100; strong 2 year old plants.

Boltonia Masses of single aster-like flowers during summer and fall. Very showy.

Boltonia Asteroides White. Height 5 ft. \$1.00 per 10; \$6.00 per 100.

Boltonia Latisquama Nana Pink, tinged with lavender. Height 3 ft. \$1.00 per 10; \$6.00 per 100.

Cerastium Tomentosum Dwarf plants with grayish-white foliage producing masses of neat white, bell-shaped flowers in May and June. Height 9 inches. \$1.00 per 10; \$8.00 per 100.

Chrysanthemum Arcticum Arctic Daisy. Hardy and of vigorous growth, pure white daisy-like flowers 2½ in. across in great abundance, from September till hard frosts. Height 30 in. 3 for 50c, 10 for \$1.10, 100 for \$10.00.

Delphinium Belladonna Light blue. Strong 2 year old plants. \$1.00 per 10; \$8.00 per 100; \$70.00 per 1000. Strong 1 year old plants, 50c; per 10; \$6.00 per 100; \$50.00 per 1000.

Delphinium Bellamsum Dark blue. Our strain is extra choice, containing many very large, dark blue, named varieties. 2 year old plants, \$1.20 per 10; \$10.00 per 100.

Delphinium Chinensis Furnishes a wealth of bloom throughout the summer, in clear porcelain blue or white. Very showy and a high class cut flower.

Mixed Strong plants, \$1.00 per 10; \$6.00 per 100.

DIANTHUS—HARDY PINKS

Dianthus Allwoodii In bloom from May till frost. Flowers larger than the old type of hardy pinks on stout foot long stems. **SINGLE AND DOUBLE MIXED**—\$1.40 per 10; \$12.00 per 100.

Dianthus Plumarius Noted for spicy fragrance and rich coloring. In bloom from May to autumn. **SINGLE AND DOUBLE MIXED**—\$1.00 per 10; \$8.00 per 100.

Dianthus Deltaoides One of the very choicest of rock plants. Of compact habit, only about 10 inches high, producing sheets of fine pink or scarlet flowers. \$1.00 per 10; \$6.00 per 100.

Dianthus Latifolius A. Fl. Pl. Broad heads of double red 1 foot. \$1.00 per 10; \$8.00 per 100. "Sweet William." Height

Dicentra Spectabilis—Bleeding Heart The old fashioned popular variety. Strong divisions, \$2.00 per 10; \$18.00 per 100.

Dicentra Eximia Resembles the well known Spectabilis in similarity of bloom, but excels it in the fact that it is in bloom from April to August, and has finely cut, quite ornamental foliage. \$1.75 per 10; \$15.00 per 100.

Dictamnus Fraxinella Flowers hyacinth-like, very showy in May and June. Commonly known as Gas Plant and one of the best of perennials as it will live, without transplanting, over 100 years in one spot. One year old seedlings—**RED**, \$1.00 per 10; \$8.00 per 100. **WHITE**, \$1.50 per 10; \$12.00 per 100.

Erigeron Speciosus H. Grfl. Single, blue, aster-like flowers in June and July. Plants of neat habit. 3 ft. tall. \$1.00 per 10; \$8.00 per 100.

Eryngium Amethystinum Branching heads of steel blue flowers, useful in winter bouquets. \$1.00 per 10; \$8.00 per 100.

Eupatorium Coelestinum Produces masses of beautiful flowers, during August and September. First class cut flower. Vigorous grower, should be divided and reset every third year. Height 2 ft. 3 for 50c, 10 for \$1.10, 100 for \$10.00.



Hardy Ostrich Fern

HARDY OSTRICH FERN—ONOCLEA STRUTHIOPTERIS

The most useful and the finest of all hardy ferns. The fronds can be used in flower work, the plants thrive in shade as well as in full sunlight. They are of quick and strong growth, becoming more attractive every year. They produce new plants from underground runners and never winterkill, provided that they are planted in fairly good porous soil. If your business is selling perennials you will find Ostrich Fern a good seller. If you are a florist you will find Ostrich Fern profitable, and if you are a landscape architect and the call is for hardy ferns choose Ostrich Fern as this will give the quickest results and full satisfaction. Height 3 to 4 feet.

	Per 10	100	1000
MEDIUM LARGE ROOTS.....	\$1.00	\$7.00	\$60.00
LARGE ROOTS.....	1.20	9.00	80.00
EXTRA HEAVY ROOTS.....	1.40	12.00	110.00

All our plants are freshly dug and packed immediately afterwards. We pack so that the plants arrive in pink of condition.

HARDY MAIDENHAIR FERN

Very graceful, leaves arranged in a semi-circle on long stiff, dark brown stems, 12 to 18 inches long. Must be planted in good, well drained soil, in full or partial shade, the roots covered with soil about an inch deep. It grows slow at first, but once established it multiplies fast. For massed effects plant about 10 inches apart. Unlike other hardy ferns, Maidenhair does well as a house plant. Selected roots: Each 25c; 6 for 90c; 12 for \$1.75, prepaid. Not prepaid: In lots of 25 or over at \$9.00 per 100.

Funkia Subcordata Grfl. Beautiful, clean, neat plant in or out of bloom. The plants are of compact growth forming a mass of broad, heart-shaped, bright green, shiny leaves, attractively ribbed and bear flowers in July and August resembling in shape miniature Easter Lilies, white, fragrant, borne high above the elegant foliage. If planted in rich soil and half shaded position, will multiply fast; can be divided every other year and thus prove a source of income to the grower. Always easily sold as they are one of the most popular of perennials suitable for foundation plantings, also for borders, ribbons or a single specimen doing well in sun or shade. If you will invest in this Funkia you will be well repaid. Height 15 in. 3 for 65c, 10 for \$1.60, 100 for \$15.00.

Funkia Variegata Of dwarf compact growth, leaves broad, dark green conspicuously striped with white highly attractive. Flowers pale violet blue. Stock up on these plants, offer them in the spring in 4 in. pots and you will be surprised at the amount of sales you will make. Height 8 inches. 3 for 50c, 10 for \$1.10, 100 for \$10.00.

Double Gypsophyla Ehrlei A very superior double "Gyp." 3 for \$1.20, 10 for \$2.80, 100 for \$25.00.

SIBERIAN IRIS

Produces an abundance of elegant flowers, resembling the Spanish and English Iris, during May and June. Very attractive and not near so well known as it deserves to be. Excellent cut flower. Can be cut in bud and will fully develop in water. Height 3 ft.

Siberian Iris—Blue—White Either variety, 85c per 10; \$6.00 per 100; \$15.00 per 1000.

Siberian Iris Perry's Blue Extra large, deep blue, clean cut and most beautiful flowers on stalks 4 to 5 feet tall. High grade cut flower. In bloom during May and June. \$2.00 per 10; \$16.00 per 100.

Emperor The finest of all Siberian Irises. Well established clumps stand 5 feet high, produce hundreds of most beautiful flowers that must be seen to be appreciated. Color intense dark blue. Each 35c.

IRIS AUTUMN KING

German or Bearded Iris originated by Hans P. Sasse. Blooms during the May-June season and again from September till frost. Flowers large, purple blue. Each 60c, prepaid.

Elegans Lily (*Thunbergianum*) Beautiful lily and hardy anywhere. Large trumpet shaped flowers borne in clusters on strong stems $2\frac{1}{2}$ ft. tall. Orange red in color. Large bulbs. 3 for 60c; 10 for \$1.80.

Tiger Lily Much in demand, becoming again very popular. Fine cut flower. Blooms orange red with purple spots. Single. Height 3 ft. Full sized large bulbs, \$1.00 per 10; \$8.00 per 100; \$90.00 per 1000.

Both Tiger and Elegans Lilles are absolutely hardy and can be safely planted either in the spring or fall, without fear that they will winter-kill. This cannot be said of Regal Lily which cannot be fall planted in the north safely. It quite often winter-kills. We advise fall planting of Regal Lily in the South only. We can book orders for spring delivery for both the small and larger sizes of Regal Lily.

Linaria Macedonia Lemon-yellow, snapdragon-like flowers suitable for cutting. In bloom in June and July. \$1.00 per 10.

Linum Perenne Beautiful, blue, single flowers on slender but stout stalks about 20 in. long. \$1.00 per 10; \$8.00 per 100.

In places too shady and dark where no grass and no plant will grow

HARDY FERNS

will save the situation. Of all hardy ferns, Ostrich Fern is the best. We offer them in any quantity at very reasonable prices, elsewhere in this catalog.

CHOICE IRISES

Every florist should own a few clumps of Irises as they come exceedingly handy in years when peonies do not come out for Decoration Day. There also is a demand for roots. Iris will grow anywhere, except in deep shade, can be planted at any time except when in full bloom, the roots covered lightly. 8.9, etc., refers to rating, 44 in., etc., to height.

ALCAZAR—8.9-42 in. Light blue and rich velvety purple. Each 30c.

AMBASSADUER—9.4-42 in. Lavender and purple maroon. Each 50c, prepaid.

ARCHBISHOP—8.3-30 in. Velvety violet. Each 25c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

ASIA—9.2-45 in. Lavender, purple and gold. Wonderful. Each 60c, prepaid.

AVALON—9.1-42 in. Light mauve. Each \$1.00, prepaid.

BALLERINE—9.4-48 in. High class light blue. Each 50c, prepaid.

BLACK PRINCE—7.8-30 in. Purple a very striking dark color. Each 25c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

CAPRICE—7.5-30 in. Red. Each 25c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

CORRIDA—8.3 Aniline blue. Each 30c, prepaid.

DOROTHEA—Pale lavender blue. Fine cut flower. 24 in. Each 25c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

DREAM—8.5-36 in. Light pink. Each 30c, prepaid.

DR. BERNICE—7.4-36 in. Bronze and velvety crimson. Each 25c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

HARRIET PRESBY—Probably the finest pink. Height 40 in. Each, \$1.00, prepaid.

ISOLINE—Pink and purplish rose. 8.6-36 in. Each 25c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

JEANNE D'ARC—7.8-36 in. White and lilac. Each 20c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

KING OF IRIS—Old gold and rich mahogany brown. 7.9-36 in. Each 20c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

KASHMIR WHITE—8.4-48 in. The largest white. Each, 35c, prepaid.

LENT A. WILLIAMSON—9.6-42 in. One of the finest irises in the world. Violet and velvety royal purple. Massive in flower and growth, of perfect form. Each, 45c, prepaid.

LORELEY—7.09-36 in. Ultramarine, blue and gold. Each 25c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

MAGNIFICA—9.1-48 in. Lavender and reddish purple. Each 50c, prepaid.

MME. CHEREAU—7.4-36 in. White with irregular blue border. Each 20c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

MME. CHOBAUT—8.5-36 in. Red and chalcedony yellow, veined brown. Each 50c, prepaid.

MONSIGNOR—8.4-30 in. Rich violet purple. Each 15c, prepaid. Not prepaid, dozen \$1.20; \$8.00 per 100.

MOTHER OF PEARL—48 in. Pale bluish lavender. Each 40c, prepaid.

OPERA—8.7-28 in. Velvety violet rose. Each 30c, prepaid.

PALLIDA DALMATICA—Magnificent pale blue. Each 20c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

PRINCESS BEATRICE—9.5-48 in. Most delicate silky lavender. Each 50c, prepaid.

PROSPER LAUGIER—8.3-30 in. Fiery bronze and velvety purple. Each 20c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

QUEEN OF MAY—Beautiful light pink. 7.04-40 in. Each 15c, prepaid. Not prepaid, dozen \$1.00; \$6.00 per 100.

SHEKINAH—8.8-36 in. Pale yellow. Each 30c, prepaid.

SEMINOLE—8.3. Bright crimson, the only one in this color. Each 30c, prepaid.

SOUV DE MME. GAUDICHAU—9.03-42 in. Extra good dark purple. Each 30c, prepaid.

TROOST—8.04-24 in. Extra good pink. Each 30c, prepaid.

VALERY MAYET—8.5. Finest bronze. Each 30c, prepaid.

YELLOW HAMMER—24 in. Pure bright amber yellow. Each 30c, prepaid.

MIXED IRIS—Many varieties, fine for cutting. Not prepaid, dozen 50c; \$2.00 per 100.

NEW PEONY MANUAL

The most complete and comprehensive treatise on the peony ever issued. Forty-one splendid illustrations, several in color, three hundred and thirty-six pages crowded full of valuable information. Price \$6.00. Attractive discount allowed dealers. Write W. F. Christman, Secretary, American Peony Society, Northbrook, Ill.

Lythrum Superbum Roseum Bright rose flowers borne freely in long terminal racemes from June to September. Height 3 ft. \$1.20 per 10; \$8.00 per 100.

Monarda Cambridge Scarlet Produces in July and August brilliant crimson-scarlet, very conspicuous flowers. Foliage fragrant. Thrives in any soil or position. \$1.00 per 10; \$8.00 per 100.

Nepeta Mussini Of dwarf compact habit, producing masses of bloom of a beautiful shade of lavender, from May to October. First rate rock plant. \$1.00 per 10; \$8.00 per 100.

Pardanthus Sinensis Red flower, star shaped, tigred and marbled. In bloom in July and August. Height 3 ft. Strong plants, 2 year, \$1.00 per 10; \$7.00 per 100.

Phalaris Ar. Variegata Variegated Ribbon Grass. Leaves longitudinally striped white. Height 3 ft. 60 cents per 10; \$4.00 per 100.

Phlox Decussata Hardy Phlox. Mixed colors. \$1.00 per 10; \$8.00 per 100; \$70.00 per 1000.

Phlox Miss Lingard Of pyramidal growth, trusses very large, snow white, in bloom from middle of June to October, furnishing valuable material to the florist. Robust grower, free from diseases, multiplies rapidly and should be divided and reset every year. Height 30 in. 3 for 50c; 10 for \$1.10; 100 for \$8.00.

Phlox Miss Verboom Same as Miss Lingard, color rose-pink. New variety said to be absolutely free of red spider. 3 for \$1.20.

Phlox D. Canadensis Valuable native phlox of dwarf growth for shady positions. Flowers in flat heads, deep lavender-blue, during April and May. Neat and a beautiful plant that multiplies fast if planted in rich ground and partly shaded. Strong field grown plants, 3 for 50c; 10 for \$1.30; 100 for \$10.00.

Physostegia Virginica Vivid The best variety. Flowers bright rose, snapdragon-like. Height 3 ft. \$1.00 per 10; \$8.00 per 100.

PLATYCODON—BELLFLOWER

The flowers are shaped like miniature balloons, later they open wide and are over an inch across. Bell shaped with star outline and as beautiful as can be imagined. Year old plants placed in pots early in the spring and gently forced will bloom in time for spring sales and what is important, they will sell. One of the many flowers that would be sold in quantities if shown to the public when in bloom. Perfectly hardy planted so that the crowns will be 3 inches under the surface of soil or deeper. Time of bloom outdoors from June to August. The Grandiflorum variety grows 3 feet high, Mariesi from 12 to 15 inches. **GRANDIFLORUM BLUE-WHITE, MARIESI BLUE-WHITE.** Price: 3 for 45c; 10 for \$1.10; 100 for \$10.00.

PEONIES UNDER COLOR

STANDARD DIVISIONS 3 to 5 eyes, guaranteed double. **WHITE-PINK-RED.** Either color: 25 roots for \$3.00; 100 roots \$10.00. No charge for packing. Will quote prices for large quantities.

Ranunculus Repens Hardy double buttercup, blooming at a time when the public is in buying mood. Fine rock plant for half shaded places. Plant 10 in. apart. Height 10 in. 3 for 50c; 10 for \$1.10; 100 for \$10.00.

Rudbeckia Golden Ball New. An improvement over the old fashioned Golden Glow, producing large, perfectly ball shaped golden yellow flowers all summer. Height 6 ft. 3 for 50c; 10 for \$1.10; 100 for \$10.00.

Rudbeckia Purpurea Superba Improved strain of this popular native perennial, bearing in July and August daisy-like flowers of peculiar reddish purple 5 inches across with a remarkable large black cone. Absolutely hardy. Height 4 ft. 3 for 40c; 10 for 90c; 100 for \$8.00.

DOUBLE PEONIES

All peonies offered by us are double flowering varieties. Prices are for strong divisions 3 to 5 eyes F. O. B. Council Bluffs. No charge for packing. Time of delivery from August to November.

We recommend the following as good cut-flowers: Mons. Jules Elie, Mme. de Verneville, La Brune, Gigantaea. If you want varieties that give the most divisions of roots, the best in this class are: Humei, La Brune, Edulis Superba, Mme de Verneville.

PRICES—We ask a low price when our stock of roots is large, higher prices only for the newer and scarce varieties. **QUALITY**—Yes our roots are of the highest quality, strictly up to grade and good count always.

ALBATRE—White, large, fair bloomer, good stems, good foliage. Midseason. 10 for \$1.80; 100 for \$15.00.

AUGUSTIN D 'HOUR—Soliferino, red tall grower. 10 for \$2.20; 100 for \$18.00.

AVALANCHE—Identical with Albatre. 10 for \$1.80; 100 for 15.00. **CLAIRE DUBOIS**—Very large, late dark red. Strong grower. 10 for \$2.80; 100 for \$25.00.

COURONNE D'OR—White, large, late, of rather dwarf growth. 10 for \$2.30; 100 for 20.00.

DUCHESSE DE NEMOURS—Light canary yellow, large, early, medium height, very floriferous. 10 for \$1.90; 100 for \$16.00.

EDULIS SUPERBA—Rose-pink, medium sized, very early, tall, extremely floriferous, excellent foliage. 10 for \$2.00 100 for \$17.00.

FELIX CROUSSE—Brilliant crimson, large, midseason. Very floriferous, good foliage. 10 for \$2.30; 100 for \$20.00.

FESTIVA MAXIMA—White, very large, early. Tall, very floriferous, good stems, good foliage. Poor multiplier. 10 for \$1.90; 100 for \$16.00.

GIGANTHEA—Same as Lamartine. Extremely large, clear rose-pink. Tall strong grower, very floriferous, late. We consider Gigantaea as one of the finest of all peonies. 10 for \$2.80; 100 for \$25.00.

HELEN LESLIE—White, primrose-yellow center, strong grower, very floriferous. Tall, early. 10 for \$2.00; 100 for \$17.00.

HUMEI—Cherry-pink almost red, strong grower, very floriferous, multiplies fast. Tall, late, strongly and pleasantly fragrant. 10 for \$1.30; 100 for \$10.00.

KARL ROSENFIELD—Very bright crimson, large, midseason. Tall, free flowering, strong stems, good foliage, excellent form. 10 for \$3.30; 100 for \$30.00.

LA BRUNE—Dark lustrous crimson with a slight brownish cast. Strong grower, fast multiplier. Early, tall, very floriferous. 10 for \$2.00; 100 for \$17.00.

LA GRANGE—Very large red. Strong grower, very floriferous. Medium height, midseason. A fine variety. 10 for \$2.80; 100 for \$25.00.

LAMARTINE—Identical with Gigantaea. Originator Calot. Different from Lamartine introduced by Lemoine in 1908. 10 for \$2.80; 100 for \$25.00.

LE CYGNE—Pure white, high crowned, no crimson tints, very large, early, fairly floriferous. Medium height. A very fine peony but why it received the highest rating of any peony is a mystery to us. Each \$3.50, prepaid.

LONGFELLOW—Bright crimson, large, midseason. Rather dwarf. Fairly floriferous, strong stems, excellent foliage. Each \$1.00, prepaid.

MARIE LEMOINE—Very large, late white. Medium height, moderately floriferous, stems strong, foliage good. One of the handsomest peonies. 10 for \$2.50; 100 for \$22.00.

MARECHAL MAC MAHON—Identical with Aug. d'Hour

MME. DUCEL—Pale old rose-pink. Medium size, midseason, floriferous. Stiff stems, good foliage. 10 for \$2.50; 100 for \$22.00.

MME. EMILE GALLE—Very light rose-pink with lavender sheen. Large, late, free flowering, good stems and foliage. Height medium. 10 for \$2.00; 100 for \$17.00.

MME. DE VERNEVILLE—White with a blush tint. When fully expanded almost identical with Festiva Maxima. Tall, strong grower, very free flowering. 10 for \$2.00; 100 for \$17.00.

MONS. MARTIN CAHUZAC—Dark crimson with a silky black lustre. Early free flowering, of medium height, stems good. The darkest of all known peonies. Each \$1.00, prepaid.

OCTAVIE DEMAY—Light pink, large, early, floriferous. Good landscape variety. Dwarf in growth. 10 for \$3.50; 100 for \$32.00.

QUEEN EMMA—Bright rose-pink, large, stems long, stiff, foliage excellent. Lasts long when cut, the blooms are of elegant shape and in our estimation a very high class variety for cutting. Midseason. 10 for \$2.50; 100 for \$22.00.

RICHARD CARVEL—Bright crimson, large, early, good stems and good foliage. Floriferous, tall grower. Each \$1.25, prepaid.

SARAH BERNHART—Very large, late, dark rose-pink. Medium height, floriferous, strong stems, good foliage. Each \$1.00, prepaid.

SOLANGE—Cream white suffused with pale salmon pink. Large, late, moderately floriferous, of medium height. Its chief merit is its beautiful and distinct color. Each \$1.50, prepaid.

THERESE—Very large, midseason, lilac-pink, variety. Height medium floriferous, strong stems, heavy foliage. A fine exhibition variety. Each \$1.40, prepaid.

TOURANGELLE—Pale apple-blossom pink, large, late. Medium height, floriferous, bending stems, rather small foliage. Each \$1.40, prepaid.

Sedum If you sell perennials or do landscape work you will find the Sedums we offer below most useful and well paying plants. Can be used in many ways. Placed in pots you will sell quantities during spring to the garden minded public. You can use the plants for borders, for bold ribboning, in front of shrubbery along walks, in foundation plantings as a single specimens or as a ground cover. Will grow anywhere in any soil. Once you get a start you can speedily increase your plantation by planting the tips of plants in the open. This you can do at any time in the spring or summer. Break off the tops of plants and plant about 3 inches deep. Every slip will root even if not watered. If you should use Sedum on a landscaping job you need not use rooted plants, use slips from your large established plants, plant slips same as if they were rooted plants and they will root themselves wherever planted, without least sign of wilting. You can use Sedum liberally as it is a neat and attractive plant, an ornament in any garden.

Sedum Spectabile Variegatum New. Highly attractive, leaves thick, fleshy bright green, splashed with golden yellow, holding undiminished throughout the season. Plants erect, forming neat half globes, compact and attractive from spring till frost. Flowers deep rose in large flat heads well above the foliage. A plant very much worth while. Height 12 in. Absolutely hardy. 3 for 70c; 10 for \$1.80; 100 for \$15.00.

Sedum Spectabile Brilliant Same habit as the variety above, flowers of same color, foliage green. Height 12 in. 3 for 45c; 10 for \$1.10; 100 for \$10.00.

Pyrethrum Roseum Our collection consists of 60% red, about 35% pink and only about 5% white flowers. The flowers are large, perfectly formed, all plants bearing misshapen blooms being destroyed by us as soon as detected, and they are about 50% double or semi-double. Absolutely the finest strain of this type of Pyrethrum to be had. Strong 2 year old plants, \$1.00 per 10; \$9.00 per 100; \$80.00 per 1000.

Pyrethrum Uliginosum Giant Daisy. Produces masses of large, white, single daisy-like flowers from June to September. \$1.00 per 10; \$8.00 per 100.

Salvia Azurea Grfl. Produces in great profusion during August and September spikes of intense sky-blue flowers, fine for cutting. Height 4 ft. Strong 2 year old plants, \$1.00 per 10; \$7.00 per 100.

Saxifraga Perennial Mixed Our collection includes choicest varieties, all dwarf, not over 6 inches tall, broad leaved, mossy and encrusted leaved sorts. First class rock plant and absolutely hardy. \$2.00 per 10; \$15.00 per 100.

Spirea Filipendula Produces in June and July masses of elegant creamy-white flowers in numerous corymbs on stems 30 in. long. Foliage fern-like. Fine for bouquets. A very dainty flower. \$1.25 per 10; \$8.00 per 100.

Statice Latifolia Small lavender-blue flowers in branched heads, excellent for bouquets, either fresh or dried. Of same usefulness as Gypsophila. Height 30 inches. Strong 2 year old plants, \$1.00 per 10; \$6.00 per 100.

Statice Incana Nana Best sort for dyeing and excellent to use for filling in wreaths, etc. \$1.00 per 10; \$6.00 per 100; \$50.00 per 1000.

Sisyrinchium Anceps Dwarf grass-like plant for sunny places in the rock garden, producing on top of the six inches long leaves bright violet-blue flowers in June and July. \$1.00 per 10; \$8.00 per 100.

Thalicrum Polygamum Neat, strong growing plant with feathery flowers and very ornamental fern-like foliage, useful in flower work. Blooms in July and August. Height 5 to 6 ft. \$1.25 per 10; \$10.00 per 100.

Thalicrum Adiantifolium A beautiful variety with foliage resembling the Maiden Hair Fern. Flowers small in June. Height 2 ft. \$1.00 per 10; \$8.00 per 100.

Veronica Teucrium Royal Blue Elegant spikes of rich gentian-blue flowers in May and June. Very choice. Height 18 inches. \$1.25 per 10; \$10.00 per 100.

Veronica Spicata Long spikes of bright blue flowers from June to September. Height 30 inches. \$1.00 per 10; \$8.00 per 100.

Vinca Minor Periwinkle or Grave Myrtle. Fine for covering ground, especially in places too dark for grass to thrive. Foliage intense dark green and glossy, flowers blue and beautiful, in early spring. Strong clumps, \$1.00 per 10; \$9.00 per 100; \$80.00 per 1000.

We offer only those perennials that do not winter-kill in Iowa, which means that the perennials that we offer are hardy enough to winter anywhere no matter how severe the climate. Not one of the perennials we offer needs any protection over winter.

Prices quoted for perennials are understood F. O. B. Council Bluffs. No charge for packing.

CANNAS

READY FOR DELIVERY OCTOBER 15TH

Prices quoted are for dormant 1-2 eyed bulbs.
ALLEMANIA—Green leaved, scarlet flowers, with broad yellow border. Height 5 feet. Not prepaid: \$3.00 per 100; \$22.50 per 1000.

APRICOT—Green foliage, large flowers of buff-yellow tinted with salmon-pink, making a mass effect of rich apricot. One of the best of dwarf cannas. \$4.00 per 100; \$32.50 per 1000.

PRESIDENT—Green leaved, scarlet flower. Height 4 feet. Not prepaid: \$4.00 per 100; \$32.50 per 1000.

KING HUMBERT—Bronze foliage, scarlet flower. Height 4 feet. Not prepaid: \$4.00 per 100; \$32.50 per 1000.

MRS. A. CONARD—Green foliage, pink flowers. Height 4 feet. Not prepaid: \$8.00 per 100; \$70.00 per 1000.

QUEEN CHARLOTTE—Height 4 feet. Scarlet, bordered, foliage green. Not prepaid: \$3.00 per 100; \$25.00 per 1000.

YELLOW KING HUMBERT—Green foliage, yellow flower. Height 4 feet. Not prepaid: \$4.00 per 100; \$35.00 per 1000.

NEW ONION PROSPERITY

A GREEN OR BUNCHING VARIETY. READY SIX WEEKS BEFORE ONIONS RAISED FROM SETS.

Prosperity Onion will make more money for the gardener than any other crop. It can be marketed long before onions from spring planted sets are ready and thereafter throughout the whole season even in the hottest weather up to the time when the ground freezes up solidly.

Prosperity Onion forms no bulbs, it is a bunching onion like the Welsh or Egyptian Winter but very much better. The stalks of Prosperity are extra heavy $\frac{1}{2}$ to $\frac{3}{4}$ inch through, absolutely white for a length of 4 to 6 inches, tender, mild and sweet, fully equal in quality to onions raised from sets, of better appearance and easier to get ready for tying, no skin to peel, all that is needed is to wash the stalks and tie.

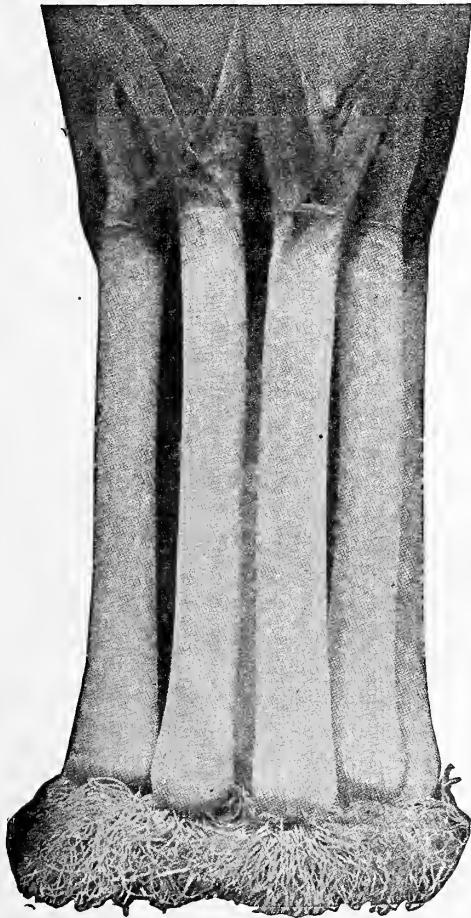
It is ready for the market long before rhubarb and asparagus, making an income for the gardener at a time when there is absolutely nothing in the garden that could be turned into money. The grower will have the market all to himself and naturally will get paid well. Another time, Prosperity Onion will pay exceedingly well, is during the summer or whenever there will be demand for green onions and the market bare of it. It is a crop that can be marketed at any time of the year even after hard frosts, if pulled, stored in cellars and heeled in dirt. In a word there is no crop that will bring as much money to the grower as Prosperity Onion.

ONION IN MIDWINTER

Late in the Fall before the ground freezes sold lift clumps of Prosperity Onion and place as tight together as possible in well sheltered cold frames. You will pull from one sash 20 dozen bunches of onions, six in each bunch at Christmas time when green onions never sell for less than 45 cents per dozen bunches of shallots shipped from the South and inferior in quality to Prosperity Onions. That means \$9.00 per sash. What other crop in the vegetable line will do as well for you? There is none as far as we know, but if you do know of a crop that will pay as well and you will let us know we will be glad to make it worth your while. We will broadcast the glad news to our market gardening friends.

Prosperity Onion is raised from seed. You plant it once and for years thereafter all you will do is to pull, leaving a stalk stand in the row 5 inches apart and this stalk by stooling soon will furnish another crop. Thus a bed of Prosperity Onion becomes a permanent crop yielding from year to year, every day in the year excepting the dead of winter when the ground is froze and covered with snow. Prosperity Onion is absolutely hardy, needs no covering of any kind, no protection whatever, it never winterkills.

Besides making money from the sales, you will make money from saving the cost of onion sets and the cost of planting them. With a patch of Prosperity Onion in your garden it will be immaterial to you whether onion sets sell for \$3.00 per bu. or \$10.00 per bu., you have freed yourself from that expense forever and for good. Your only expense will be for seed to give you a start. The first year there will be the expense of pulling the weeds. You can easily, the first year, rid the patch of all weeds and that expense will be done with. Your patch will become a sort of a mine. You will thin out the patch and the remaining plants by stooling will in 60 days provide another crop. The rate at which stools are made is from 3 to 8 to each plant. We grow Prosperity Onion in our own fields and write from experience. In our opinion, the plantation of Prosperity Onion is the most valuable crop we have and ever had and we have not the slightest doubt that if you will start a patch of Prosperity Onion in your garden, that you will be of the same opinion with us. Sow the seed of Prosperity now. If you will sow now you will have salable onions by next spring. Price: Pkt. 10c; oz. 80c; lb. \$10.00.



Onion Prosperity

SPIREA JAPONICA—ASTILBE

These are used by the florists for forcing. They should be made popular with the public. There is NO reason to the contrary. Spireas are beautiful, attractive and uncommon, they do well in shade as well as in the sun, they do not winter-kill, they are one of the finest flowers in existence and will prove a gold mine to the grower that is willing to get busy, meaning this: Get a start on these Spireas, plant a few of them where they will be seen by the public. The plants will sell. They should be made as popular as Delphiniums and Peonies are now. When you sell a Japanese Spirea to a customer, you are laying a foundation for dozens of sales to come. When a Japanese Spirea will be seen in bloom by your customer's friends, talk will be created. Your customer's friends will ask: Where did you get that plant? What is it? My—is it not beautiful. I want a plant like that. And you will sell Spireas. There is room for millions of Spireas in the gardens of America. This idea that Spireas will do well in shade only, is a mistake. We grow them here in Iowa. The sun with us is highly efficient, we are used to 100 degrees in shade and yet our Spireas do well, they bloom in June every year, every year they get bigger. We divide the plants —why cannot this be done in other parts of the country?

Invest in Japanese Spireas, talk Spireas to every one of your customers, not only to the few that ask: What have you in plants that is out of ordinary, something special? All your customers are looking for the new and unusual. You have it in Spireas. We cannot see anything but profit to the grower and satisfaction to the customers. There are two classes of Japanese Spireas; Dwarf and Tall. The dwarf grow 18 inches tall, the tall from 3 to 5 feet. Push the sales of both. For prices quoted, we will deliver divided field grown clumps. If heavy clumps for forcing should be wanted, please write for prices.

DWARF SPIREAS

SPIREA JAPONICA AMERICA—Deep pink. **GLADSTONE**—Snow-white. **PEACH BLOSSOM**—Delicate pink. **QUEEN ALEXANDRA**—Clear pink. **RUBENS**—Rosy red. **GLORIA SUPERBA**—Brilliant dark pink. Any Variety: 3 for 60c; 10 for \$1.30; 100 for \$12.00.

SPIREA HYBRIDS—TALL

Highly priced and popular in Europe, which means that will become popular in this country. They are absolutely hardy and they possess an unusual beauty. To start with, we offer only two of the best, as follows:

GRUNO—Flowers salmon pink in large, graceful, open spikes. Very showy. Height 4 ft.

BETSY CUPERUS—Flowers white with pink centers in large open spikes. Height 4 ft. PRICE FOR BOTH: 3 for 60c; 10 for \$1.30; 100 for \$10.00.

Liatris Pycnostachya Kansas Gay Feather. Popular as cut flower, doing well in almost any kind of soil, dry or wet, producing richly colored purple flowers on stout stalks 6 ft. tall, in graceful spikes a foot long. Blooms in July and August. Strong plants, \$1.40 per 12; \$8.00 per 100. Strong seedlings: \$3.00 per 100.

Lily of the Valley Strong clumps, 3 for 75c; 10 for \$2.00.

Chrysanthemum May Queen Produces a wealth of flowers born on very stiff stems during May and June. Height 30 in. \$1.00 per 10; \$6.00 per 100.

LILIUM REGALE

Iowa grown, plump, solid quality bulbs. Of our own growing. Per 50 Per 100 Per 1000
 $\frac{3}{4}$ to 1 in. diameter.....\$1.90 \$3.40 \$23.00
 1 to 1 $\frac{1}{2}$ in. diameter.....2.90 5.20 40.00
 1 $\frac{1}{2}$ to 2 in. diameter.....4.40 8.40 70.00
 25 at 50 rate, 250 at 1000 rate. No charge for packing.

LILIUM CANDIDUM—MADONNA LILY

Sometimes called St. Joseph's or Annunciation Lily. Perfectly hardy. Flowers waxy white, large, of much substance. Northern grown healthy and plump bulbs. 2 $\frac{1}{2}$ to 3 in. in diameter, \$1.90 per dozen; 25 for \$3.75; 100 for \$14.00, F. O. B. Council Bluffs.

Jack in the Pulpit An oddity bordering on the monstrous and in this fact lays its value. The plant will attract wide attention and is used by enterprising florists and flower growers for advertising purposes by simply exposing the plants to public view. Requires rich soil and will stay green and fresh if planted outdoors in a shady place in soil containing some leaf mold. Strong plants: 3 for 50c; 10 for \$1.50 prepaid or for \$1.20 not prepaid.

SNAPDRAGONS

The new Snapdragons offered below are very superior varieties, the seed thoroughly dependable, strictly true to name and type, produced by ourselves or by growers that we know, are thoroughly dependable. Better seed than what we send out does not exist. CLIMAX—Included in our list for your information only. Resembles the Penn-Orange variety but not as good. Too short both in growth of plants as well as stems.

CEYLON COURT—A leader in yellow, early and long stemmed. Semi-dwarf. T. pkt. 40c; $\frac{1}{2}$ oz. 80c; oz. \$6.00.

CHEVIOT MAID—Bright, clear rosy-pink flowers of perfect form, fine stems and VERY early. Exceptionally good and valuable for winter blooming. Semi-dwarf. T. pkt. 40c; $\frac{1}{2}$ oz. 80c; oz. \$6.00.

GENEVA PINK—One of the best. Rich rose-pink. Semi-Dwarf. T. pkt. 50c; $\frac{1}{2}$ oz. 80c; oz. \$6.00.

GOLDEN PINK QUEEN—Golden pink flowers, medium early. Semi-dwarf. T. pkt. 40c; $\frac{1}{2}$ oz. 80c; oz. \$6.00.

HELEN—Beautiful bright salmon-pink, flowers large. Early. Semi-dwarf. T. pkt. 40c; $\frac{1}{2}$ oz. 80c; oz. \$6.00.

LAURA—Lively, deep, glossy rose-pink, very floriferous and early. Semi-dwarf. T. pkt. 40c; $\frac{1}{2}$ oz. 80c; oz. \$6.00.

PENN-ORANGE—Vivid rich orange, quite early, flowers poorly placed. Semi-dwarf. T. pkt. 40c; $\frac{1}{2}$ oz. 80c; oz. \$6.00.

CHERRY-RIPE—Rich, terra cotta-red, deeply suffused with cerise, a bold outstanding color. Semi-dwarf. T. pkt. 40c; $\frac{1}{2}$ oz. 80c; oz. \$6.00.

KEYSTONE—Large flowers, glowing dark scarlet. Fine, well formed spikes. Semi-dwarf. T. pkt. 40c; $\frac{1}{2}$ oz. 80c; oz. \$6.00.

ORLANDO—Rich bronze flowers, magnificent long stems. Very outstanding. Semi-dwarf. T. pkt. 40c; $\frac{1}{2}$ oz. 80c; oz. \$6.00.

MAUVE BEAUTY—Soft rosy mauve of an unusual appeal. Semi-dwarf. T. pkt. 20c; $\frac{1}{2}$ oz. 35c; oz. \$2.00.

FOR A GENERAL LIST OF SNAPDRAGONS see page 10.

ANTIRRHINUM PRIMROSE MONARCH

Of branching habit yet compact and symmetrical, throwing from 4 to 6 magnificent spikes. The individual flowers are very large, closely arranged on the spikes, the spikes massive and of ideal shape. Color a delicate shade of clear, glistening primrose-yellow, a very useful color that goes well in flower arrangement. Semi-dwarf. T. pkt. 50c.

SNAPDRAGON MONTANA WHITE

Without exception the finest of all white Snapdragons. The immense bloom is purest glistening white, the plants of vigorous growth and blooming very early. We recommend Montana White as the finest White Snapdragon for forcing. Height 18 in. T. pkt. 50c.

SNAPDRAGON UNRIValed

Superior to any existing variety, surpassing in size of bloom and size of spikes any known variety. Way superior to the Maximum type which up to now was considered the acme of perfection. The color of Unrivaled is a combination of salmon-pink, primrose yellow with a touch of orange. Unrivaled is an exquisite flower, indescribably beautiful, sure to create sensation in any flower market. Height 18 in. T. pkt. 50.



Calceolaria Hybrida Albert Kent

CALCEOALARIA HYBRIDA ALBERT KENT

Originated from the Albert Kent variety. Strikingly beautiful, unusual, new, never before seen a plant that will show a good profit to the florist. We offer the seed of these new hybrids in mixture containing 10 to 12 different colors. T. pkt. 50c.